PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4592724

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
SEQUENCE:	3

CONVEYING PARTY DATA

Name	Execution Date
PROVENANCE ASSET GROUP HOLDINGS, LLC	09/13/2017
PROVENANCE ASSET GROUP, LLC	09/13/2017

RECEIVING PARTY DATA

Name:	CORTLAND CAPITAL MARKET SERVICES, LLC
Street Address:	225 W. WASHINGTON ST., 21ST FLOOR
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60606

PROPERTY NUMBERS Total: 3887

Property Type	Number
PCT Number:	US2014069830
PCT Number:	US2014069837
PCT Number:	US2014072531
PCT Number:	US2015015027
PCT Number:	US2015059822
PCT Number:	US2015066270
PCT Number:	US2016014216
PCT Number:	US2016020608
PCT Number:	US2016025791
PCT Number:	US2016063163
PCT Number:	US2017013606
Application Number:	08272590
Application Number:	08281879
Application Number:	08284708
Application Number:	08901502
Application Number:	08910939
Application Number:	08911598
Application Number:	08911689

Property Type	Number
Application Number:	08911693
Application Number:	08911694
Application Number:	08912631
Application Number:	08918438
Application Number:	08919824
Application Number:	08925876
Application Number:	08927434
Application Number:	08928580
Application Number:	08932305
Application Number:	08932704
Application Number:	08933532
Application Number:	08936386
Application Number:	08937986
Application Number:	08938494
Application Number:	08938533
Application Number:	08940755
Application Number:	08947186
Application Number:	08947703
Application Number:	08951778
Application Number:	08956722
Application Number:	08957281
Application Number:	08957634
Application Number:	08958455
Application Number:	08960615
Application Number:	08961288
Application Number:	08962615
Application Number:	08963007
Application Number:	08965136
Application Number:	08965141
Application Number:	08965633
Application Number:	08966095
Application Number:	08967155
Application Number:	08967975
Application Number:	08970987
Application Number:	08975331
Application Number:	08979055
Application Number:	08979478
Application Number:	08980942

Property Type	Number
Application Number:	08982957
Application Number:	08987072
Application Number:	08990852
Application Number:	08994369
Application Number:	08997173
Application Number:	08998807
Application Number:	09001316
Application Number:	09004577
Application Number:	09005103
Application Number:	09007865
Application Number:	09010076
Application Number:	09010814
Application Number:	09012282
Application Number:	09012300
Application Number:	09012393
Application Number:	09014113
Application Number:	09014954
Application Number:	09015563
Application Number:	09015574
Application Number:	09016047
Application Number:	09017592
Application Number:	09019266
Application Number:	09019267
Application Number:	09023033
Application Number:	09023469
Application Number:	09026830
Application Number:	09028241
Application Number:	09029688
Application Number:	09033250
Application Number:	09033279
Application Number:	09034664
Application Number:	09036610
Application Number:	09037829
Application Number:	09038720
Application Number:	09041157
Application Number:	09041604
Application Number:	09042478
Application Number:	09042602

Property Type	Number
Application Number:	09048626
Application Number:	09048841
Application Number:	09049510
Application Number:	09049511
Application Number:	09050510
Application Number:	09052696
Application Number:	09052756
Application Number:	09052761
Application Number:	09053236
Application Number:	09053407
Application Number:	09057543
Application Number:	09063919
Application Number:	09065855
Application Number:	09066189
Application Number:	09067086
Application Number:	09067271
Application Number:	09067909
Application Number:	09070049
Application Number:	09070956
Application Number:	09071219
Application Number:	09075728
Application Number:	09078908
Application Number:	09081491
Application Number:	09082044
Application Number:	09082915
Application Number:	09083220
Application Number:	09083792
Application Number:	09086400
Application Number:	09086485
Application Number:	09087339
Application Number:	09087708
Application Number:	09088750
Application Number:	09090430
Application Number:	09092802
Application Number:	09094837
Application Number:	09095173
Application Number:	09096701
Application Number:	09097334

Property Type	Number
Application Number:	09097527
Application Number:	09099001
Application Number:	09099251
Application Number:	09099487
Application Number:	09099949
Application Number:	09100943
Application Number:	09100948
Application Number:	09102071
Application Number:	09105607
Application Number:	09107257
Application Number:	09107313
Application Number:	09107354
Application Number:	09109364
Application Number:	09112547
Application Number:	09113719
Application Number:	09113958
Application Number:	09114840
Application Number:	09117318
Application Number:	09118186
Application Number:	09118239
Application Number:	09118746
Application Number:	09120792
Application Number:	09121148
Application Number:	09123219
Application Number:	09123288
Application Number:	09124295
Application Number:	09126154
Application Number:	09127244
Application Number:	09128445
Application Number:	09133052
Application Number:	09133925
Application Number:	09136127
Application Number:	09136186
Application Number:	09138001
Application Number:	09138677
Application Number:	09140733
Application Number:	09141440
Application Number:	09143666

Property Type	Number
Application Number:	09145764
Application Number:	09146209
Application Number:	09149327
Application Number:	09151794
Application Number:	09152112
Application Number:	09152893
Application Number:	09153319
Application Number:	09154885
Application Number:	09156761
Application Number:	09156794
Application Number:	09157758
Application Number:	09158055
Application Number:	09158061
Application Number:	09158596
Application Number:	09159127
Application Number:	09159435
Application Number:	09159705
Application Number:	09160779
Application Number:	09161860
Application Number:	09163845
Application Number:	09163940
Application Number:	09164672
Application Number:	09166358
Application Number:	09166830
Application Number:	09167157
Application Number:	09167344
Application Number:	09168405
Application Number:	09168448
Application Number:	09168997
Application Number:	09170378
Application Number:	09172493
Application Number:	09172494
Application Number:	09173349
Application Number:	09174228
Application Number:	09174365
Application Number:	09175178
Application Number:	09176527
Application Number:	09176922

Property Type	Number
Application Number:	09177637
Application Number:	09178313
Application Number:	09179771
Application Number:	09182980
Application Number:	09183562
Application Number:	09186005
Application Number:	09188021
Application Number:	09188023
Application Number:	09194012
Application Number:	09195260
Application Number:	09195854
Application Number:	09195857
Application Number:	09195860
Application Number:	09197388
Application Number:	09197396
Application Number:	09199843
Application Number:	09200333
Application Number:	09200360
Application Number:	09200377
Application Number:	09200522
Application Number:	09201676
Application Number:	09205735
Application Number:	09207880
Application Number:	09209705
Application Number:	09211201
Application Number:	09212261
Application Number:	09212608
Application Number:	09213063
Application Number:	09215873
Application Number:	09215880
Application Number:	09216212
Application Number:	09217211
Application Number:	09218970
Application Number:	09221920
Application Number:	09223905
Application Number:	09228451
Application Number:	09228472
Application Number:	09230221

Property Type	Number
Application Number:	09231033
Application Number:	09233650
Application Number:	09234099
Application Number:	09236115
Application Number:	09238380
Application Number:	09239117
Application Number:	09243703
Application Number:	09244528
Application Number:	09244645
Application Number:	09245204
Application Number:	09249924
Application Number:	09249925
Application Number:	09253665
Application Number:	09256908
Application Number:	09260105
Application Number:	09261197
Application Number:	09261348
Application Number:	09263402
Application Number:	09264053
Application Number:	09270817
Application Number:	09272130
Application Number:	09273180
Application Number:	09273949
Application Number:	09274720
Application Number:	09276218
Application Number:	09277396
Application Number:	09280280
Application Number:	09280435
Application Number:	09282236
Application Number:	09284212
Application Number:	09285578
Application Number:	09287289
Application Number:	09287430
Application Number:	09288201
Application Number:	09288833
Application Number:	09289070
Application Number:	09290819
Application Number:	09293851

Property Type	Number
Application Number:	09295198
Application Number:	09296654
Application Number:	09303569
Application Number:	09304348
Application Number:	09304639
Application Number:	09304830
Application Number:	09305382
Application Number:	09310399
Application Number:	09310795
Application Number:	09311048
Application Number:	09311159
Application Number:	09311493
Application Number:	09312167
Application Number:	09313006
Application Number:	09314316
Application Number:	09315621
Application Number:	09315723
Application Number:	09316618
Application Number:	09318011
Application Number:	09319412
Application Number:	09320604
Application Number:	09321861
Application Number:	09322340
Application Number:	09322827
Application Number:	09324177
Application Number:	09325968
Application Number:	09326872
Application Number:	09326873
Application Number:	09326874
Application Number:	09327390
Application Number:	09327936
Application Number:	09328082
Application Number:	09332677
Application Number:	09332726
Application Number:	09334606
Application Number:	09336543
Application Number:	09340675
Application Number:	09342499

Property Type	Number
Application Number:	09343228
Application Number:	09343517
Application Number:	09345513
Application Number:	09346930
Application Number:	09348616
Application Number:	09350577
Application Number:	09353233
Application Number:	09353354
Application Number:	09356978
Application Number:	09356980
Application Number:	09359264
Application Number:	09360359
Application Number:	09361861
Application Number:	09363542
Application Number:	09364154
Application Number:	09364432
Application Number:	09365320
Application Number:	09368029
Application Number:	09369221
Application Number:	09371902
Application Number:	09372486
Application Number:	09375305
Application Number:	09375598
Application Number:	09377408
Application Number:	09377747
Application Number:	09380701
Application Number:	09381764
Application Number:	09382419
Application Number:	09383836
Application Number:	09384116
Application Number:	09385167
Application Number:	09386728
Application Number:	09386765
Application Number:	09387572
Application Number:	09387607
Application Number:	09390033
Application Number:	09391019
Application Number:	09391020

Property Type	Number
Application Number:	09393262
Application Number:	09393300
Application Number:	09393303
Application Number:	09393636
Application Number:	09393752
Application Number:	09393948
Application Number:	09394524
Application Number:	09395238
Application Number:	09395490
Application Number:	09396055
Application Number:	09396829
Application Number:	09396861
Application Number:	09397888
Application Number:	09398589
Application Number:	09398591
Application Number:	09398844
Application Number:	09398979
Application Number:	09399304
Application Number:	09399711
Application Number:	09400240
Application Number:	09402885
Application Number:	09403458
Application Number:	09404759
Application Number:	09404901
Application Number:	09405368
Application Number:	09405490
Application Number:	09406076
Application Number:	09406723
Application Number:	09408264
Application Number:	09408686
Application Number:	09408771
Application Number:	09408932
Application Number:	09410294
Application Number:	09410978
Application Number:	09411118
Application Number:	09417081
Application Number:	09419450
Application Number:	09420442

Property Type	Number
Application Number:	09425644
Application Number:	09425710
Application Number:	09427912
Application Number:	09428468
Application Number:	09432390
Application Number:	09432781
Application Number:	09433197
Application Number:	09435490
Application Number:	09436402
Application Number:	09437522
Application Number:	09438855
Application Number:	09439016
Application Number:	09439217
Application Number:	09439940
Application Number:	09440434
Application Number:	09442801
Application Number:	09442818
Application Number:	09448354
Application Number:	09448929
Application Number:	09450036
Application Number:	09450823
Application Number:	09454039
Application Number:	09454119
Application Number:	09454838
Application Number:	09455947
Application Number:	09460340
Application Number:	09461491
Application Number:	09462184
Application Number:	09463076
Application Number:	09464392
Application Number:	09465352
Application Number:	09465685
Application Number:	09466789
Application Number:	09468227
Application Number:	09468714
Application Number:	09468968
Application Number:	09469004
Application Number:	09470303

Property Type	Number
Application Number:	09471757
Application Number:	09472740
Application Number:	09472864
Application Number:	09473356
Application Number:	09473754
Application Number:	09474724
Application Number:	09476674
Application Number:	09478196
Application Number:	09480013
Application Number:	09481567
Application Number:	09482825
Application Number:	09483784
Application Number:	09485032
Application Number:	09485268
Application Number:	09485437
Application Number:	09485495
Application Number:	09486248
Application Number:	09488327
Application Number:	09490605
Application Number:	09493733
Application Number:	09494229
Application Number:	09497254
Application Number:	09498006
Application Number:	09498559
Application Number:	09499132
Application Number:	09499773
Application Number:	09500281
Application Number:	09500582
Application Number:	09501026
Application Number:	09501921
Application Number:	09502627
Application Number:	09503096
Application Number:	09504825
Application Number:	09505457
Application Number:	09505502
Application Number:	09506959
Application Number:	09507971
Application Number:	09508296

Property Type	Number
Application Number:	09510044
Application Number:	09511038
Application Number:	09511150
Application Number:	09512489
Application Number:	09512566
Application Number:	09512757
Application Number:	09515023
Application Number:	09515482
Application Number:	09516195
Application Number:	09516295
Application Number:	09516396
Application Number:	09516971
Application Number:	09517980
Application Number:	09518301
Application Number:	09518997
Application Number:	09518998
Application Number:	09519066
Application Number:	09520537
Application Number:	09520861
Application Number:	09521836
Application Number:	09525181
Application Number:	09525595
Application Number:	09525696
Application Number:	09527117
Application Number:	09527269
Application Number:	09528979
Application Number:	09532679
Application Number:	09533044
Application Number:	09533109
Application Number:	09535710
Application Number:	09538663
Application Number:	09544415
Application Number:	09544748
Application Number:	09546248
Application Number:	09549919
Application Number:	09550186
Application Number:	09551121
Application Number:	09553663

Property Type	Number
Application Number:	09555324
Application Number:	09555876
Application Number:	09557556
Application Number:	09559980
Application Number:	09563739
Application Number:	09564787
Application Number:	09565145
Application Number:	09566271
Application Number:	09566348
Application Number:	09567186
Application Number:	09568927
Application Number:	09569983
Application Number:	09570881
Application Number:	09571501
Application Number:	09573017
Application Number:	09573085
Application Number:	09573086
Application Number:	09573218
Application Number:	09573607
Application Number:	09576999
Application Number:	09578633
Application Number:	09580583
Application Number:	09581043
Application Number:	09584195
Application Number:	09584585
Application Number:	09584900
Application Number:	09588352
Application Number:	09588427
Application Number:	09588827
Application Number:	09588945
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Application Number:	09590562
Application Number:	09592442
Application Number:	09594079
Application Number:	09594774
Application Number:	09594909
Application Number:	09595968
Application Number:	09597286

Property Type	Number
Application Number:	09597907
Application Number:	09599136
Application Number:	09599138
Application Number:	09600715
Application Number:	09600910
Application Number:	09602712
Application Number:	09603652
Application Number:	09603941
Application Number:	09604842
Application Number:	09610267
Application Number:	09610461
Application Number:	09611010
Application Number:	09611886
Application Number:	09614276
Application Number:	09615565
Application Number:	09615759
Application Number:	09616569
Application Number:	09617446
Application Number:	09618080
Application Number:	09622970
Application Number:	09624102
Application Number:	09624994
Application Number:	09625679
Application Number:	09630170
Application Number:	09630459
Application Number:	09630945
Application Number:	09631501
Application Number:	09631885
Application Number:	09631886
Application Number:	09634084
Application Number:	09640316
Application Number:	09643647
Application Number:	09646226
Application Number:	09646812
Application Number:	09647431
Application Number:	09648983
Application Number:	09650058
Application Number:	09650787

Property Type	Number
Application Number:	09650792
Application Number:	09651792
Application Number:	09653810
Application Number:	09656708
Application Number:	09659414
Application Number:	09659550
Application Number:	09659877
Application Number:	09660027
Application Number:	09663793
Application Number:	09667348
Application Number:	09668897
Application Number:	09669003
Application Number:	09671241
Application Number:	09671517
Application Number:	09675618
Application Number:	09675884
Application Number:	09678050
Application Number:	09678962
Application Number:	09684662
Application Number:	09684949
Application Number:	09684950
Application Number:	09687348
Application Number:	09689213
Application Number:	09691539
Application Number:	09693429
Application Number:	09694559
Application Number:	09694728
Application Number:	09698881
Application Number:	09699770
Application Number:	09699863
Application Number:	09703060
Application Number:	09707975
Application Number:	09708093
Application Number:	09708223
Application Number:	09713745
Application Number:	09715839
Application Number:	09716558
Application Number:	09716899

Property Type	Number
Application Number:	09717731
Application Number:	09721222
Application Number:	09722300
Application Number:	09724339
Application Number:	09726192
Application Number:	09727889
Application Number:	09729065
Application Number:	09732405
Application Number:	09733284
Application Number:	09736294
Application Number:	09736710
Application Number:	09737361
Application Number:	09738702
Application Number:	09739325
Application Number:	09740446
Application Number:	09740802
Application Number:	09746922
Application Number:	09747218
Application Number:	09749365
Application Number:	09750719
Application Number:	09750772
Application Number:	09754212
Application Number:	09755130
Application Number:	09756390
Application Number:	09757567
Application Number:	09759685
Application Number:	09762149
Application Number:	09762839
Application Number:	09763287
Application Number:	09767290
Application Number:	09767831
Application Number:	09767850
Application Number:	09768481
Application Number:	09768689
Application Number:	09770491
Application Number:	09771436
Application Number:	09773572
Application Number:	09773729

Property Type	Number
Application Number:	09774998
Application Number:	09776234
Application Number:	09778166
Application Number:	09781927
Application Number:	09783200
Application Number:	09783979
Application Number:	09784846
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Application Number:	09795373
Application Number:	09795379
Application Number:	09798501
Application Number:	09799129
Application Number:	09800772
Application Number:	09801696
Application Number:	09803832
Application Number:	09805021
Application Number:	09805609
Application Number:	09806406
Application Number:	09807889
Application Number:	09807891
Application Number:	09808025
Application Number:	09809122
Application Number:	09811058
Application Number:	09812080
Application Number:	09815738
Application Number:	09815784
Application Number:	09815855
Application Number:	09816382
Application Number:	09816466
Application Number:	09823017
Application Number:	09823159
Application Number:	09826357
Application Number:	09830408
Application Number:	09830772

Property Type	Number
Application Number:	09831440
Application Number:	09832827
Application Number:	09833085
Application Number:	09833119
Application Number:	09833531
Application Number:	09836029
Application Number:	09838874
Application Number:	09841487
Application Number:	09841541
Application Number:	09842474
Application Number:	09843036
Application Number:	09843502
Application Number:	09847034
Application Number:	09847567
Application Number:	09850036
Application Number:	09850301
Application Number:	09851267
Application Number:	09852199
Application Number:	09852630
Application Number:	09852703
Application Number:	09854850
Application Number:	09856362
Application Number:	09856919
Application Number:	09857235
Application Number:	09858098
Application Number:	09858099
Application Number:	09858382
Application Number:	09861947
Application Number:	09863321
Application Number:	09863468
Application Number:	09864007
Application Number:	09865035
Application Number:	09867295
Application Number:	09867455
Application Number:	09868067
Application Number:	09870000
Application Number:	09871042
Application Number:	09871393

Property Type	Number
Application Number:	09871410
Application Number:	09874876
Application Number:	09875414
Application Number:	09876772
Application Number:	09877875
Application Number:	09880811
Application Number:	09881722
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Application Number:	09893132
Application Number:	09893363
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Application Number:	09897671
Application Number:	09900153
Application Number:	09901286
Application Number:	09902349
Application Number:	09903029
Application Number:	09903268
Application Number:	09903881
Application Number:	09906531
Application Number:	09911519
Application Number:	09911625
Application Number:	09913953
Application Number:	09914064
Application Number:	09914211
Application Number:	09918086

Property Type	Number
Application Number:	09918385
Application Number:	09924074
Application Number:	09924785
Application Number:	09929023
Application Number:	09932464
Application Number:	09932703
Application Number:	09932706
Application Number:	09932707
Application Number:	09933643
Application Number:	09934987
Application Number:	09935023
Application Number:	09935228
Application Number:	09937506
Application Number:	09937577
Application Number:	09937588
Application Number:	09941086
Application Number:	09941857
Application Number:	09942388
Application Number:	09943848
Application Number:	09944165
Application Number:	09945350
Application Number:	09949588
Application Number:	09950913
Application Number:	09951719
Application Number:	09952228
Application Number:	09953353
Application Number:	09954619
Application Number:	09955368
Application Number:	09955750
Application Number:	09958985
Application Number:	09962685
Application Number:	09963501
Application Number:	09964903
Application Number:	09971194
Application Number:	09972991
Application Number:	09974318
Application Number:	09974854
Application Number:	09976507

Property Type	Number
Application Number:	09976876
Application Number:	09980287
Application Number:	09980288
Application Number:	09980289
Application Number:	09981688
Application Number:	09981784
Application Number:	09985383
Application Number:	09986555
Application Number:	09986778
Application Number:	09988740
Application Number:	09989344
Application Number:	09991231
Application Number:	09991683
Application Number:	09993513
Application Number:	09994490
Application Number:	10000242
Application Number:	10001877
Application Number:	10003071
Application Number:	10004403
Application Number:	10005506
Application Number:	10005650
Application Number:	10005766
Application Number:	10008425
Application Number:	10008577
Application Number:	10009443
Application Number:	10009573
Application Number:	10012061
Application Number:	10014174
Application Number:	10015780
Application Number:	10015794
Application Number:	10017382
Application Number:	10018035
Application Number:	10018502
Application Number:	10018572
Application Number:	10020195
Application Number:	10020974
Application Number:	10021354
Application Number:	10021458

Property Type	Number
Application Number:	10021754
Application Number:	10022891
Application Number:	10022896
Application Number:	10023438
Application Number:	10023559
Application Number:	10024953
Application Number:	10025741
Application Number:	10025742
Application Number:	10026453
Application Number:	10026713
Application Number:	10027860
Application Number:	10028076
Application Number:	10028344
Application Number:	10029123
Application Number:	10029972
Application Number:	10030353
Application Number:	10030375
Application Number:	10030669
Application Number:	10032300
Application Number:	10033525
Application Number:	10034237
Application Number:	10035114
Application Number:	10036157
Application Number:	10036272
Application Number:	10037297
Application Number:	10037734
Application Number:	10039292
Application Number:	10042556
Application Number:	10046471
Application Number:	10046527
Application Number:	10046899
Application Number:	10047339
Application Number:	10047511
Application Number:	10049437
Application Number:	10051021
Application Number:	10055051
Application Number:	10055323
Application Number:	10055471

Property Type	Number
Application Number:	10055587
Application Number:	10056159
Application Number:	10056674
Application Number:	10056950
Application Number:	10057449
Application Number:	10058823
Application Number:	10060385
Application Number:	10060752
Application Number:	10067670
Application Number:	10067748
Application Number:	10069485
Application Number:	10069781
Application Number:	10071381
Application Number:	10072969
Application Number:	10074340
Application Number:	10075877
Application Number:	10078158
Application Number:	10079373
Application Number:	10081313
Application Number:	10082827
Application Number:	10083134
Application Number:	10084055
Application Number:	10084884
Application Number:	10084908
Application Number:	10084981
Application Number:	10087465
Application Number:	10087835
Application Number:	10088315
Application Number:	10089815
Application Number:	10090749
Application Number:	10090750
Application Number:	10092075
Application Number:	10092209
Application Number:	10094066
Application Number:	10096491
Application Number:	10096702
Application Number:	10098128
Application Number:	10098202

Property Type	Number
Application Number:	10098335
Application Number:	10099077
Application Number:	10099105
Application Number:	10101900
Application Number:	10103419
Application Number:	10107045
Application Number:	10107333
Application Number:	10107441
Application Number:	10108208
Application Number:	10109027
Application Number:	10109623
Application Number:	10109880
Application Number:	10109993
Application Number:	10111503
Application Number:	10111718
Application Number:	10116869
Application Number:	10118657
Application Number:	10119080
Application Number:	10119516
Application Number:	10119943
Application Number:	10124297
Application Number:	10127189
Application Number:	10128092
Application Number:	10128290
Application Number:	10128443
Application Number:	10128462
Application Number:	10128939
Application Number:	10130079
Application Number:	10130703
Application Number:	10131439
Application Number:	10132806
Application Number:	10133469
Application Number:	10133781
Application Number:	10134091
Application Number:	10134382
Application Number:	10135785
Application Number:	10136840
Application Number:	10137421

Property Type	Number
Application Number:	10137776
Application Number:	10139124
Application Number:	10140425
Application Number:	10140599
Application Number:	10141128
Application Number:	10141207
Application Number:	10141362
Application Number:	10142053
Application Number:	10142475
Application Number:	10143780
Application Number:	10145655
Application Number:	10151318
Application Number:	10151451
Application Number:	10152799
Application Number:	10152857
Application Number:	10154592
Application Number:	10155046
Application Number:	10155562
Application Number:	10156885
Application Number:	10156930
Application Number:	10157146
Application Number:	10158115
Application Number:	10159207
Application Number:	10159209
Application Number:	10159210
Application Number:	10159523
Application Number:	10159676
Application Number:	10160126
Application Number:	10161210
Application Number:	10161812
Application Number:	10163111
Application Number:	10163962
Application Number:	10167533
Application Number:	10169198
Application Number:	10169208
Application Number:	10169944
Application Number:	10171971
Application Number:	10172000

Property Type	Number
Application Number:	10172739
Application Number:	10172796
Application Number:	10173569
Application Number:	10174776
Application Number:	10175192
Application Number:	10175641
Application Number:	10177043
Application Number:	10177157
Application Number:	10178693
Application Number:	10180122
Application Number:	10180204
Application Number:	10181173
Application Number:	10182546
Application Number:	10183142
Application Number:	10183314
Application Number:	10183379
Application Number:	10184180
Application Number:	10185225
Application Number:	10186007
Application Number:	10188036
Application Number:	10188813
Application Number:	10190236
Application Number:	10191548
Application Number:	10194049
Application Number:	10195014
Application Number:	10197245
Application Number:	10197402
Application Number:	10198347
Application Number:	10198591
Application Number:	10198597
Application Number:	10198983
Application Number:	10199236
Application Number:	10201217
Application Number:	10201812
Application Number:	10201852
Application Number:	10202271
Application Number:	10209195
Application Number:	10209667

Property Type	Number
Application Number:	10209944
Application Number:	10218020
Application Number:	10218284
Application Number:	10219776
Application Number:	10219823
Application Number:	10219959
Application Number:	10221490
Application Number:	10221507
Application Number:	10223242
Application Number:	10223322
Application Number:	10227934
Application Number:	10228800
Application Number:	10231191
Application Number:	10231558
Application Number:	10232202
Application Number:	10232924
Application Number:	10234125
Application Number:	10237404
Application Number:	10237803
Application Number:	10237897
Application Number:	10239072
Application Number:	10241967
Application Number:	10242051
Application Number:	10245233
Application Number:	10245666
Application Number:	10246344
Application Number:	10247472
Application Number:	10247478
Application Number:	10247621
Application Number:	10247899
Application Number:	10251352
Application Number:	10252351
Application Number:	10252400
Application Number:	10252797
Application Number:	10252904
Application Number:	10253090
Application Number:	10255008
Application Number:	10256885

Property Type	Number
Application Number:	10257354
Application Number:	10259290
Application Number:	10259567
Application Number:	10259597
Application Number:	10261087
Application Number:	10261090
Application Number:	10261252
Application Number:	10261423
Application Number:	10261486
Application Number:	10263959
Application Number:	10264061
Application Number:	10264285
Application Number:	10269022
Application Number:	10270629
Application Number:	10278048
Application Number:	10278842
Application Number:	10279310
Application Number:	10285947
Application Number:	10286979
Application Number:	10289082
Application Number:	10289547
Application Number:	10290186
Application Number:	10293306
Application Number:	10296004
Application Number:	10296546
Application Number:	10297847
Application Number:	10298551
Application Number:	10299401
Application Number:	10302709
Application Number:	10306264
Application Number:	10306511
Application Number:	10310910
Application Number:	10312058
Application Number:	10312262
Application Number:	10312630
Application Number:	10312761
Application Number:	10313946
Application Number:	10314680

Property Type	Number
Application Number:	10316916
Application Number:	10317686
Application Number:	10318050
Application Number:	10319191
Application Number:	10319553
Application Number:	10320065
Application Number:	10320163
Application Number:	10320220
Application Number:	10320244
Application Number:	10320286
Application Number:	10321549
Application Number:	10321924
Application Number:	10323495
Application Number:	10323633
Application Number:	10327674
Application Number:	10327681
Application Number:	10327962
Application Number:	10328354
Application Number:	10329361
Application Number:	10331868
Application Number:	10333248
Application Number:	10335543
Application Number:	10336815
Application Number:	10337781
Application Number:	10338355
Application Number:	10339348
Application Number:	10340083
Application Number:	10340705
Application Number:	10340707
Application Number:	10342704
Application Number:	10343047
Application Number:	10345029
Application Number:	10345168
Application Number:	10345218
Application Number:	10345581
Application Number:	10349672
Application Number:	10350780
Application Number:	10354718

Property Type	Number
Application Number:	10355081
Application Number:	10355140
Application Number:	10357358
Application Number:	10360216
Application Number:	10361804
Application Number:	10368486
Application Number:	10369159
Application Number:	10369432
Application Number:	10370670
Application Number:	10371258
Application Number:	10372721
Application Number:	10373027
Application Number:	10373105
Application Number:	10373437
Application Number:	10376161
Application Number:	10376740
Application Number:	10378653
Application Number:	10379147
Application Number:	10382403
Application Number:	10383271
Application Number:	10386044
Application Number:	10386942
Application Number:	10387565
Application Number:	10387620
Application Number:	10387667
Application Number:	10387852
Application Number:	10387997
Application Number:	10390103
Application Number:	10390548
Application Number:	10391641
Application Number:	10391656
Application Number:	10392227
Application Number:	10392935
Application Number:	10397659
Application Number:	10399108
Application Number:	10399480
Application Number:	10400422
Application Number:	10401537

Property Type	Number
Application Number:	10401664
Application Number:	10402390
Application Number:	10403801
Application Number:	10404143
Application Number:	10404231
Application Number:	10407245
Application Number:	10407931
Application Number:	10411074
Application Number:	10411312
Application Number:	10411352
Application Number:	10411807
Application Number:	10411844
Application Number:	10413382
Application Number:	10413820
Application Number:	10414462
Application Number:	10416010
Application Number:	10416175
Application Number:	10417117
Application Number:	10417517
Application Number:	10418079
Application Number:	10420546
Application Number:	10421388
Application Number:	10421571
Application Number:	10422352
Application Number:	10423622
Application Number:	10424222
Application Number:	10424690
Application Number:	10425963
Application Number:	10427833
Application Number:	10427938
Application Number:	10427997
Application Number:	10428845
Application Number:	10429192
Application Number:	10431288
Application Number:	10434160
Application Number:	10435015
Application Number:	10435458
Application Number:	10436064

Property Type	Number
Application Number:	10438105
Application Number:	10439681
Application Number:	10439684
Application Number:	10439759
Application Number:	10439828
Application Number:	10440430
Application Number:	10440841
Application Number:	10441253
Application Number:	10441700
Application Number:	10442166
Application Number:	10443328
Application Number:	10443505
Application Number:	10443861
Application Number:	10444002
Application Number:	10444485
Application Number:	10445962
Application Number:	10448148
Application Number:	10448354
Application Number:	10449169
Application Number:	10449866
Application Number:	10450087
Application Number:	10452511
Application Number:	10452626
Application Number:	10452865
Application Number:	10453647
Application Number:	10453975
Application Number:	10455432
Application Number:	10455437
Application Number:	10458566
Application Number:	10459010
Application Number:	10459108
Application Number:	10459217
Application Number:	10460572
Application Number:	10461660
Application Number:	10462561
Application Number:	10464318
Application Number:	10464726
Application Number:	10465253

Property Type	Number
Application Number:	10468435
Application Number:	10471402
Application Number:	10472821
Application Number:	10473257
Application Number:	10474736
Application Number:	10487082
Application Number:	10488772
Application Number:	10491075
Application Number:	10494912
Application Number:	10495008
Application Number:	10495013
Application Number:	10495348
Application Number:	10498082
Application Number:	10498577
Application Number:	10499613
Application Number:	10499741
Application Number:	10501581
Application Number:	10501895
Application Number:	10503058
Application Number:	10505214
Application Number:	10507907
Application Number:	10508054
Application Number:	10509038
Application Number:	10509312
Application Number:	10510685
Application Number:	10511771
Application Number:	10511797
Application Number:	10514085
Application Number:	10517369
Application Number:	10518686
Application Number:	10519816
Application Number:	10522824
Application Number:	10531527
Application Number:	10532134
Application Number:	10533268
Application Number:	10536065
Application Number:	10541707
Application Number:	10544594

Property Type	Number
Application Number:	10553452
Application Number:	10555535
Application Number:	10555811
Application Number:	10557218
Application Number:	10557451
Application Number:	10561325
Application Number:	10562566
Application Number:	10564205
Application Number:	10566357
Application Number:	10568296
Application Number:	10568743
Application Number:	10574336
Application Number:	10574876
Application Number:	10577319
Application Number:	10577664
Application Number:	10583470
Application Number:	10584001
Application Number:	10584496
Application Number:	10587979
Application Number:	10588670
Application Number:	10592739
Application Number:	10594924
Application Number:	10596264
Application Number:	10599001
Application Number:	10599972
Application Number:	10601627
Application Number:	10601815
Application Number:	10601857
Application Number:	10603080
Application Number:	10603614
Application Number:	10603918
Application Number:	10608019
Application Number:	10608445
Application Number:	10608831
Application Number:	10609111
Application Number:	10610174
Application Number:	10611221
Application Number:	10612908

Property Type	Number
Application Number:	10617751
Application Number:	10618266
Application Number:	10619420
Application Number:	10620894
Application Number:	10620987
Application Number:	10621257
Application Number:	10621324
Application Number:	10621425
Application Number:	10621556
Application Number:	10623784
Application Number:	10624015
Application Number:	10624166
Application Number:	10624510
Application Number:	10625447
Application Number:	10626849
Application Number:	10627098
Application Number:	10629379
Application Number:	10629706
Application Number:	10630975
Application Number:	10634853
Application Number:	10634986
Application Number:	10635205
Application Number:	10635544
Application Number:	10635561
Application Number:	10635602
Application Number:	10635837
Application Number:	10636161
Application Number:	10637044
Application Number:	10637837
Application Number:	10639452
Application Number:	10639728
Application Number:	10640958
Application Number:	10643937
Application Number:	10645807
Application Number:	10646410
Application Number:	10648628
Application Number:	10651064
Application Number:	10651159

Property Type	Number
Application Number:	10651466
Application Number:	10651740
Application Number:	10654182
Application Number:	10654977
Application Number:	10655537
Application Number:	10656125
Application Number:	10659341
Application Number:	10662122
Application Number:	10663791
Application Number:	10664340
Application Number:	10667937
Application Number:	10668603
Application Number:	10670257
Application Number:	10671235
Application Number:	10671671
Application Number:	10673223
Application Number:	10673381
Application Number:	10673382
Application Number:	10673383
Application Number:	10673892
Application Number:	10673894
Application Number:	10674722
Application Number:	10679288
Application Number:	10680122
Application Number:	10686451
Application Number:	10686572
Application Number:	10686580
Application Number:	10690277
Application Number:	10690832
Application Number:	10692681
Application Number:	10693261
Application Number:	10693292
Application Number:	10695086
Application Number:	10695521
Application Number:	10695764
Application Number:	10697120
Application Number:	10697121
Application Number:	10697449

Property Type	Number
Application Number:	10697484
Application Number:	10697498
Application Number:	10698327
Application Number:	10698573
Application Number:	10698783
Application Number:	10699357
Application Number:	10702748
Application Number:	10703161
Application Number:	10703802
Application Number:	10710090
Application Number:	10714201
Application Number:	10715923
Application Number:	10716467
Application Number:	10717377
Application Number:	10717849
Application Number:	10717889
Application Number:	10718242
Application Number:	10718423
Application Number:	10719859
Application Number:	10720194
Application Number:	10720225
Application Number:	10720356
Application Number:	10722651
Application Number:	10723438
Application Number:	10723591
Application Number:	10724174
Application Number:	10727113
Application Number:	10727709
Application Number:	10728454
Application Number:	10728874
Application Number:	10728875
Application Number:	10729669
Application Number:	10730008
Application Number:	10730413
Application Number:	10730926
Application Number:	10730992
Application Number:	10731427
Application Number:	10734803

Property Type	Number
Application Number:	10736256
Application Number:	10736551
Application Number:	10737684
Application Number:	10738536
Application Number:	10739654
Application Number:	10741306
Application Number:	10742239
Application Number:	10742788
Application Number:	10743922
Application Number:	10744240
Application Number:	10744750
Application Number:	10745743
Application Number:	10746056
Application Number:	10746566
Application Number:	10746623
Application Number:	10747779
Application Number:	10748100
Application Number:	10748278
Application Number:	10748375
Application Number:	10748487
Application Number:	10749062
Application Number:	10752178
Application Number:	10752360
Application Number:	10753328
Application Number:	10757983
Application Number:	10760277
Application Number:	10760516
Application Number:	10761060
Application Number:	10761343
Application Number:	10761823
Application Number:	10762022
Application Number:	10762391
Application Number:	10763595
Application Number:	10764754
Application Number:	10766977
Application Number:	10768684
Application Number:	10769466
Application Number:	10770279

Property Type	Number
Application Number:	10772080
Application Number:	10772847
Application Number:	10773364
Application Number:	10777284
Application Number:	10778190
Application Number:	10780403
Application Number:	10780509
Application Number:	10780717
Application Number:	10781626
Application Number:	10782003
Application Number:	10783305
Application Number:	10785098
Application Number:	10785352
Application Number:	10785425
Application Number:	10785602
Application Number:	10786911
Application Number:	10787358
Application Number:	10789091
Application Number:	10789585
Application Number:	10790620
Application Number:	10790726
Application Number:	10791887
Application Number:	10792092
Application Number:	10792846
Application Number:	10793013
Application Number:	10795447
Application Number:	10796125
Application Number:	10797915
Application Number:	10797916
Application Number:	10801755
Application Number:	10802118
Application Number:	10803222
Application Number:	10804263
Application Number:	10804855
Application Number:	10806704
Application Number:	10807664
Application Number:	10809165
Application Number:	10809521

Property Type	Number
Application Number:	10809881
Application Number:	10812598
Application Number:	10815128
Application Number:	10815723
Application Number:	10816382
Application Number:	10816523
Application Number:	10818102
Application Number:	10818384
Application Number:	10819285
Application Number:	10820497
Application Number:	10822434
Application Number:	10822478
Application Number:	10822874
Application Number:	10823643
Application Number:	10827039
Application Number:	10827303
Application Number:	10828205
Application Number:	10828516
Application Number:	10830192
Application Number:	10830822
Application Number:	10833891
Application Number:	10834358
Application Number:	10834394
Application Number:	10835023
Application Number:	10835146
Application Number:	10835448
Application Number:	10837088
Application Number:	10838059
Application Number:	10838217
Application Number:	10838780
Application Number:	10838788
Application Number:	10839725
Application Number:	10842701
Application Number:	10843763
Application Number:	10844194
Application Number:	10844803
Application Number:	10847876
Application Number:	10851582

Property Type	Number
Application Number:	10852270
Application Number:	10853102
Application Number:	10853362
Application Number:	10853819
Application Number:	10853836
Application Number:	10854272
Application Number:	10854964
Application Number:	10855449
Application Number:	10856495
Application Number:	10856729
Application Number:	10859894
Application Number:	10860256
Application Number:	10861483
Application Number:	10862578
Application Number:	10865171
Application Number:	10866841
Application Number:	10867751
Application Number:	10869893
Application Number:	10869938
Application Number:	10869939
Application Number:	10873286
Application Number:	10873359
Application Number:	10874281
Application Number:	10874288
Application Number:	10874594
Application Number:	10875478
Application Number:	10875974
Application Number:	10875981
Application Number:	10876808
Application Number:	10878302
Application Number:	10879062
Application Number:	10879064
Application Number:	10880571
Application Number:	10880753
Application Number:	10881858
Application Number:	10882219
Application Number:	10884592
Application Number:	10884625

Property Type	Number
Application Number:	10884924
Application Number:	10885593
Application Number:	10885754
Application Number:	10886606
Application Number:	10887264
Application Number:	10888534
Application Number:	10888535
Application Number:	10888559
Application Number:	10891271
Application Number:	10892979
Application Number:	10893215
Application Number:	10893296
Application Number:	10894795
Application Number:	10895316
Application Number:	10895839
Application Number:	10896061
Application Number:	10897914
Application Number:	10898222
Application Number:	10899251
Application Number:	10903436
Application Number:	10903872
Application Number:	10910701
Application Number:	10913024
Application Number:	10916933
Application Number:	10917840
Application Number:	10920005
Application Number:	10921072
Application Number:	10925624
Application Number:	10926864
Application Number:	10931972
Application Number:	10934537
Application Number:	10937292
Application Number:	10938418
Application Number:	10941050
Application Number:	10941066
Application Number:	10941067
Application Number:	10941266
Application Number:	10941529

Property Type	Number
Application Number:	10943499
Application Number:	10944289
Application Number:	10944944
Application Number:	10945511
Application Number:	10948912
Application Number:	10949145
Application Number:	10951420
Application Number:	10951594
Application Number:	10951599
Application Number:	10952015
Application Number:	10952882
Application Number:	10953355
Application Number:	10953552
Application Number:	10953892
Application Number:	10953907
Application Number:	10954108
Application Number:	10954402
Application Number:	10954901
Application Number:	10954965
Application Number:	10955150
Application Number:	10957297
Application Number:	10957419
Application Number:	10961058
Application Number:	10961419
Application Number:	10962488
Application Number:	10963270
Application Number:	10963713
Application Number:	10964615
Application Number:	10964766
Application Number:	10965643
Application Number:	10968259
Application Number:	10970350
Application Number:	10974074
Application Number:	10975376
Application Number:	10976093
Application Number:	10977554
Application Number:	10980223
Application Number:	10980721

Property Type	Number
Application Number:	10980848
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Application Number:	10994989
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Application Number:	11010437
Application Number:	11010757
Application Number:	11011166
Application Number:	11011191
Application Number:	11011216
Application Number:	11011876
Application Number:	11011931
Application Number:	11011988
Application Number:	11014288
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Application Number:	11017940
Application Number:	11018269
Application Number:	11018458
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Application Number:	11020373
Application Number:	11020898
Application Number:	11023129
Application Number:	11023716
Application Number:	11023784
Application Number:	11023991
Application Number:	11024035
Application Number:	11024077
Application Number:	11024180
Application Number:	11025084

Property Type	Number
Application Number:	11025436
Application Number:	11025668
Application Number:	11026258
Application Number:	11026509
Application Number:	11026663
Application Number:	11026904
Application Number:	11026905
Application Number:	11027070
Application Number:	11027297
Application Number:	11027298
Application Number:	11027847
Application Number:	11027873
Application Number:	11027906
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Application Number:	11028347
Application Number:	11028351
Application Number:	11028357
Application Number:	11028953
Application Number:	11029937
Application Number:	11030215
Application Number:	11032023
Application Number:	11036909
Application Number:	11039058
Application Number:	11041727
Application Number:	11042240
Application Number:	11045075
Application Number:	11045647
Application Number:	11045762
Application Number:	11052256
Application Number:	11052260
Application Number:	11055019
Application Number:	11055137
Application Number:	11066082
Application Number:	11067764
Application Number:	11067777
Application Number:	11067941
Application Number:	11068349
Application Number:	11068555

Property Type	Number
Application Number:	11070437
Application Number:	11071530
Application Number:	11073009
Application Number:	11073407
Application Number:	11073700
Application Number:	11074006
Application Number:	11076899
Application Number:	11077190
Application Number:	11079082
Application Number:	11079861
Application Number:	11080852
Application Number:	11080961
Application Number:	11081568
Application Number:	11087442
Application Number:	11089339
Application Number:	11089640
Application Number:	11090114
Application Number:	11090500
Application Number:	11090594
Application Number:	11091364
Application Number:	11091888
Application Number:	11093457
Application Number:	11093638
Application Number:	11093782
Application Number:	11093876
Application Number:	11094416
Application Number:	11094439
Application Number:	11095059
Application Number:	11095351
Application Number:	11096218
Application Number:	11096219
Application Number:	11097376
Application Number:	11098105
Application Number:	11098162
Application Number:	11098254
Application Number:	11099540
Application Number:	11101227
Application Number:	11102308

Property Type	Number
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Application Number:	11110707
Application Number:	11113991
Application Number:	11114809
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Application Number:	11115890
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Application Number:	11118664
Application Number:	11120918
Application Number:	11120943
Application Number:	11121432
Application Number:	11124134
Application Number:	11126415
Application Number:	11128640
Application Number:	11128641
Application Number:	11129244
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Application Number:	11130171
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Application Number:	11133934
Application Number:	11134493
Application Number:	11137548
Application Number:	11139693
Application Number:	11140377
Application Number:	11140505
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Application Number:	11145015
Application Number:	11145030
Application Number:	11145392
Application Number:	11146123
Application Number:	11146949
Application Number:	11147981
Application Number:	11150127

Property Type	Number
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Application Number:	11151136
Application Number:	11152825
Application Number:	11154483
Application Number:	11154934
Application Number:	11159084
Application Number:	11161711
Application Number:	11162830
Application Number:	11163190
Application Number:	11163422
Application Number:	11164222
Application Number:	11165706
Application Number:	11166216
Application Number:	11167287
Application Number:	11167792
Application Number:	11168201
Application Number:	11168781
Application Number:	11169382
Application Number:	11169948
Application Number:	11172049
Application Number:	11172104
Application Number:	11172659
Application Number:	11172965
Application Number:	11173861
Application Number:	11174625
Application Number:	11175907
Application Number:	11177313
Application Number:	11177602
Application Number:	11179576
Application Number:	11179811
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Application Number:	11181293
Application Number:	11182234
Application Number:	11185789
Application Number:	11185890
Application Number:	11186866
Application Number:	11190663
Application Number:	11190731

Property Type	Number
Application Number:	11192355
Application Number:	11192356
Application Number:	11194063
Application Number:	11194629
Application Number:	11197841
Application Number:	11198115
Application Number:	11201123
Application Number:	11201364
Application Number:	11203976
Application Number:	11204607
Application Number:	11204775
Application Number:	11205768
Application Number:	11206622
Application Number:	11207679
Application Number:	11207949
Application Number:	11208199
Application Number:	11210941
Application Number:	11211702
Application Number:	11213010
Application Number:	11219310
Application Number:	11219830
Application Number:	11221214
Application Number:	11221329
Application Number:	11225053
Application Number:	11226346
Application Number:	11227051
Application Number:	11227229
Application Number:	11227638
Application Number:	11229114
Application Number:	11231275
Application Number:	11233987
Application Number:	11234167
Application Number:	11234169
Application Number:	11234282
Application Number:	11236246
Application Number:	11237881
Application Number:	11238845
Application Number:	11239737

Property Type	Number
Application Number:	11239757
Application Number:	11239765
Application Number:	11241830
Application Number:	11241853
Application Number:	11245597
Application Number:	11245760
Application Number:	11246216
Application Number:	11248147
Application Number:	11249995
Application Number:	11250455
Application Number:	11255203
Application Number:	11256005
Application Number:	11258325
Application Number:	11259167
Application Number:	11261342
Application Number:	11262485
Application Number:	11263561
Application Number:	11264475
Application Number:	11264825
Application Number:	11265247
Application Number:	11267936
Application Number:	11268362
Application Number:	11268822
Application Number:	11269142
Application Number:	11269650
Application Number:	11271887
Application Number:	11272111
Application Number:	11272438
Application Number:	11274434
Application Number:	11275394
Application Number:	11275470
Application Number:	11278501
Application Number:	11279267
Application Number:	11280091
Application Number:	11281278
Application Number:	11284865
Application Number:	11285292
Application Number:	11288680

Property Type	Number
Application Number:	11289329
Application Number:	11291347
Application Number:	11292786
Application Number:	11292825
Application Number:	11293310
Application Number:	11295614
Application Number:	11296451
Application Number:	11296957
Application Number:	11298554
Application Number:	11301355
Application Number:	11301590
Application Number:	11302267
Application Number:	11303915
Application Number:	11305017
Application Number:	11305111
Application Number:	11305270
Application Number:	11305560
Application Number:	11305695
Application Number:	11306174
Application Number:	11307899
Application Number:	11307918
Application Number:	11312741
Application Number:	11312773
Application Number:	11313922
Application Number:	11315514
Application Number:	11316001
Application Number:	11316071
Application Number:	11316150
Application Number:	11316531
Application Number:	11316955
Application Number:	11322613
Application Number:	11323743
Application Number:	11324648
Application Number:	11329374
Application Number:	11330472
Application Number:	11333942
Application Number:	11337372
Application Number:	11339095

Property Type	Number
Application Number:	11339197
Application Number:	11339341
Application Number:	11342261
Application Number:	11343647
Application Number:	11345821
Application Number:	11347883
Application Number:	11351805
Application Number:	11354525
Application Number:	11354972
Application Number:	11355360
Application Number:	11356242
Application Number:	11356425
Application Number:	11356721
Application Number:	11357144
Application Number:	11362348
Application Number:	11362814
Application Number:	11364698
Application Number:	11365254
Application Number:	11365386
Application Number:	11366145
Application Number:	11366381
Application Number:	11366661
Application Number:	11368395
Application Number:	11369132
Application Number:	11369364
Application Number:	11372129
Application Number:	11372898
Application Number:	11373803
Application Number:	11378169
Application Number:	11378839
Application Number:	11379410
Application Number:	11383741
Application Number:	11383852
Application Number:	11384147
Application Number:	11384212
Application Number:	11384493
Application Number:	11385104
Application Number:	11386065

Property Type	Number
Application Number:	11386809
Application Number:	11388374
Application Number:	11388802
Application Number:	11394259
Application Number:	11395219
Application Number:	11396230
Application Number:	11396269
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Application Number:	11402693
Application Number:	11403322
Application Number:	11405745
Application Number:	11405890
Application Number:	11406449
Application Number:	11408304
Application Number:	11408857
Application Number:	11411238
Application Number:	11411627
Application Number:	11412337
Application Number:	11412747
Application Number:	11414525
Application Number:	11415435
Application Number:	11415899
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Application Number:	11422009
Application Number:	11422860
Application Number:	11423555
Application Number:	11424042
Application Number:	11424615
Application Number:	11424947
Application Number:	11425566
Application Number:	11427076

Property Type	Number
Application Number:	11427513
Application Number:	11427879
Application Number:	11427963
Application Number:	11428031
Application Number:	11428081
Application Number:	11428958
Application Number:	11428964
Application Number:	11431220
Application Number:	11431271
Application Number:	11432803
Application Number:	11434800
Application Number:	11435371
Application Number:	11435829
Application Number:	11438175
Application Number:	11440906
Application Number:	11442539
Application Number:	11443413
Application Number:	11444157
Application Number:	11445291
Application Number:	11446263
Application Number:	11450348
Application Number:	11450546
Application Number:	11450919
Application Number:	11452263
Application Number:	11452405
Application Number:	11452406
Application Number:	11452752
Application Number:	11452922
Application Number:	11453678
Application Number:	11453794
Application Number:	11453795
Application Number:	11454081
Application Number:	11455514
Application Number:	11455694
Application Number:	11455904
Application Number:	11456428
Application Number:	11456607
Application Number:	11461054

Property Type	Number
Application Number:	11464645
Application Number:	11466516
Application Number:	11466993
Application Number:	11468207
Application Number:	11469223
Application Number:	11469566
Application Number:	11476192
Application Number:	11478189
Application Number:	11478839
Application Number:	11479651
Application Number:	11480024
Application Number:	11482697
Application Number:	11482706
Application Number:	11483184
Application Number:	11485297
Application Number:	11485327
Application Number:	11485454
Application Number:	11485462
Application Number:	11485890
Application Number:	11487306
Application Number:	11496942
Application Number:	11496995
Application Number:	11498254
Application Number:	11498722
Application Number:	11508188
Application Number:	11508726
Application Number:	11510828
Application Number:	11511248
Application Number:	11514884
Application Number:	11517308
Application Number:	11519071
Application Number:	11521063
Application Number:	11521645
Application Number:	11521759
Application Number:	11523553
Application Number:	11525125
Application Number:	11525787
Application Number:	11525970

Property Type	Number
Application Number:	11534445
Application Number:	11538076
Application Number:	11538146
Application Number:	11538168
Application Number:	11540082
Application Number:	11541276
Application Number:	11543351
Application Number:	11551516
Application Number:	11553520
Application Number:	11554062
Application Number:	11554122
Application Number:	11555378
Application Number:	11555736
Application Number:	11557967
Application Number:	11560463
Application Number:	11561769
Application Number:	11562041
Application Number:	11562796
Application Number:	11565828
Application Number:	11568069
Application Number:	11569045
Application Number:	11570590
Application Number:	11572904
Application Number:	11574803
Application Number:	11576770
Application Number:	11579283
Application Number:	11583018
Application Number:	11583019
Application Number:	11583020
Application Number:	11583021
Application Number:	11583893
Application Number:	11585880
Application Number:	11588384
Application Number:	11589030
Application Number:	11592310
Application Number:	11594704
Application Number:	11599024
Application Number:	11600661

Property Type	Number
Application Number:	11600812
Application Number:	11602543
Application Number:	11604126
Application Number:	11604417
Application Number:	11604755
Application Number:	11609049
Application Number:	11610515
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Application Number:	11612347
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Application Number:	11613347
Application Number:	11614325
Application Number:	11616492
Application Number:	11616968
Application Number:	11617051
Application Number:	11617078
Application Number:	11617133
Application Number:	11617350
Application Number:	11617926
Application Number:	11617937
Application Number:	11618257
Application Number:	11620726
Application Number:	11620905
Application Number:	11622260
Application Number:	11623720
Application Number:	11624958
Application Number:	11624963
Application Number:	11625463
Application Number:	11630153
Application Number:	11630418
Application Number:	11633133
Application Number:	11638487
Application Number:	11638502
Application Number:	11639938
Application Number:	11640936
Application Number:	11641561
Application Number:	11644536

Property Type	Number
Application Number:	11645383
Application Number:	11646625
Application Number:	11647094
Application Number:	11647274
Application Number:	11647931
Application Number:	11650668
Application Number:	11653741
Application Number:	11654615
Application Number:	11658963
Application Number:	11660123
Application Number:	11661338
Application Number:	11667426
Application Number:	11674802
Application Number:	11674842
Application Number:	11679096
Application Number:	11679515
Application Number:	11679582
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Application Number:	11681883
Application Number:	11690822
Application Number:	11691281
Application Number:	11691913
Application Number:	11692578
Application Number:	11693101
Application Number:	11693262
Application Number:	11693825
Application Number:	11694443
Application Number:	11694977
Application Number:	11695255
Application Number:	11696130
Application Number:	11698082
Application Number:	11698126
Application Number:	11702100
Application Number:	11702553
Application Number:	11702554
Application Number:	11702555
Application Number:	11703746
Application Number:	11706821

Property Type	Number
Application Number:	11709891
Application Number:	11711012
Application Number:	11711471
Application Number:	11711682
Application Number:	11712592
Application Number:	11713732
Application Number:	11715774
Application Number:	11717876
Application Number:	11717877
Application Number:	11717878
Application Number:	11717879
Application Number:	11717880
Application Number:	11717881
Application Number:	11717909
Application Number:	11727299
Application Number:	11729791
Application Number:	11730329
Application Number:	11730588
Application Number:	11733161
Application Number:	11735687
Application Number:	11737202
Application Number:	11737535
Application Number:	11741678
Application Number:	11744202
Application Number:	11747218
Application Number:	11747526
Application Number:	11748358
Application Number:	11749437
Application Number:	11749810
Application Number:	11750252
Application Number:	11752607
Application Number:	11753332
Application Number:	11754588
Application Number:	11756839
Application Number:	11763046
Application Number:	11764472
Application Number:	11767638
Application Number:	11768672

Property Type	Number
Application Number:	11769366
Application Number:	11769981
Application Number:	11770430
Application Number:	11772012
Application Number:	11772140
Application Number:	11772143
Application Number:	11772688
Application Number:	11775677
Application Number:	11776661
Application Number:	11781617
Application Number:	11783137
Application Number:	11791689
Application Number:	11793574
Application Number:	11793901
Application Number:	11794079
Application Number:	11795546
Application Number:	11799036
Application Number:	11799507
Application Number:	11800279
Application Number:	11802965
Application Number:	11806117
Application Number:	11807170
Application Number:	11807802
Application Number:	11810749
Application Number:	11811807
Application Number:	11812786
Application Number:	11818536
Application Number:	11819969
Application Number:	11819970
Application Number:	11820341
Application Number:	11821556
Application Number:	11822158
Application Number:	11823671
Application Number:	11826220
Application Number:	11826937
Application Number:	11830979
Application Number:	11833425
Application Number:	11837028

Property Type	Number
Application Number:	11838658
Application Number:	11839794
Application Number:	11844300
Application Number:	11846845
Application Number:	11848684
Application Number:	11850537
Application Number:	11850562
Application Number:	11855106
Application Number:	11855108
Application Number:	11855367
Application Number:	11855778
Application Number:	11862321
Application Number:	11862413
Application Number:	11862561
Application Number:	11864971
Application Number:	11872153
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Application Number:	11877388
Application Number:	11878981
Application Number:	11878982
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Application Number:	11887000
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Application Number:	11888571
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Application Number:	11895611
Application Number:	11896558
Application Number:	11897679
Application Number:	11897809
Application Number:	11897877
Application Number:	11902710
Application Number:	11903510
Application Number:	11904385

Property Type	Number
Application Number:	11905242
Application Number:	11905251
Application Number:	11906255
Application Number:	11906309
Application Number:	11910444
Application Number:	11910674
Application Number:	11919872
Application Number:	11928307
Application Number:	11931453
Application Number:	11937561
Application Number:	11940114
Application Number:	11942442
Application Number:	11943949
Application Number:	11944250
Application Number:	11946373
Application Number:	11946984
Application Number:	11950823
Application Number:	11951215
Application Number:	11951367
Application Number:	11952229
Application Number:	11956328
Application Number:	11957725
Application Number:	11958366
Application Number:	11966186
Application Number:	11967608
Application Number:	11968377
Application Number:	11968399
Application Number:	11972906
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Application Number:	11973771
Application Number:	11975426
Application Number:	11976743
Application Number:	11983538
Application Number:	11985266
Application Number:	11987457
Application Number:	11987458
Application Number:	11991721
Application Number:	11992282

Property Type	Number
Application Number:	11992792
Application Number:	11993450
Application Number:	11993654
Application Number:	11993770
Application Number:	11994283
Application Number:	11997893
Application Number:	11998355
Application Number:	11998696
Application Number:	12000489
Application Number:	12000823
Application Number:	12000961
Application Number:	12004924
Application Number:	12004991
Application Number:	12005039
Application Number:	12006194
Application Number:	12007304
Application Number:	12008535
Application Number:	12008599
Application Number:	12008856
Application Number:	12010489
Application Number:	12010668
Application Number:	12017482
Application Number:	12021163
Application Number:	12023120
Application Number:	12027640
Application Number:	12027999
Application Number:	12032668
Application Number:	12035866
Application Number:	12037497
Application Number:	12039817
Application Number:	12042053
Application Number:	12049743
Application Number:	12058415
Application Number:	12060468
Application Number:	12060653
Application Number:	12063199
Application Number:	12066776
Application Number:	12071861

Property Type	Number
Application Number:	12071864
Application Number:	12071982
Application Number:	12071983
Application Number:	12072972
Application Number:	12073106
Application Number:	12073107
Application Number:	12073108
Application Number:	12074545
Application Number:	12075375
Application Number:	12078701
Application Number:	12079341
Application Number:	12081187
Application Number:	12082525
Application Number:	12084513
Application Number:	12086508
Application Number:	12088063
Application Number:	12092857
Application Number:	12093205
Application Number:	12094867
Application Number:	12095581
Application Number:	12104096
Application Number:	12104145
Application Number:	12107507
Application Number:	12107836
Application Number:	12112939
Application Number:	12116480
Application Number:	12124258
Application Number:	12124332
Application Number:	12129200
Application Number:	12129924
Application Number:	12130253
Application Number:	12133126
Application Number:	12137202
Application Number:	12137730
Application Number:	12141432
Application Number:	12143353
Application Number:	12143914
Application Number:	12147991

Property Type	Number
Application Number:	12149602
Application Number:	12150307
Application Number:	12151627
Application Number:	12151723
Application Number:	12155370
Application Number:	12155501
Application Number:	12156068
Application Number:	12156468
Application Number:	12156537
Application Number:	12157461
Application Number:	12157918
Application Number:	12159941
Application Number:	12163060
Application Number:	12163421
Application Number:	12164253
Application Number:	12164646
Application Number:	12164655
Application Number:	12164703
Application Number:	12165150
Application Number:	12165167
Application Number:	12165508
Application Number:	12169204
Application Number:	12170584
Application Number:	12181132
Application Number:	12182221
Application Number:	12184730
Application Number:	12184889
Application Number:	12185944
Application Number:	12192534
Application Number:	12192553
Application Number:	12193550
Application Number:	12194241
Application Number:	12194352
Application Number:	12194589
Application Number:	12195559
Application Number:	12197409
Application Number:	12197505
Application Number:	12200598

Property Type	Number
Application Number:	12200658
Application Number:	12200711
Application Number:	12202262
Application Number:	12203582
Application Number:	12212868
Application Number:	12218155
Application Number:	12221336
Application Number:	12222896
Application Number:	12222897
Application Number:	12224096
Application Number:	12226724
Application Number:	12227313
Application Number:	12229079
Application Number:	12229987
Application Number:	12230011
Application Number:	12230080
Application Number:	12230081
Application Number:	12231792
Application Number:	12233474
Application Number:	12233561
Application Number:	12235680
Application Number:	12239157
Application Number:	12241516
Application Number:	12246475
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Application Number:	12252166
Application Number:	12258342
Application Number:	12261396
Application Number:	12262697
Application Number:	12263111
Application Number:	12265511
Application Number:	12266705
Application Number:	12270253
Application Number:	12270990
Application Number:	12274003
Application Number:	12278090
Application Number:	12284579
Application Number:	12284927

Property Type	Number
Application Number:	12284972
Application Number:	12286417
Application Number:	12287648
Application Number:	12287815
Application Number:	12290593
Application Number:	12291792
Application Number:	12291877
Application Number:	12293721
Application Number:	12295446
Application Number:	12295736
Application Number:	12301402
Application Number:	12308712
Application Number:	12311029
Application Number:	12311390
Application Number:	12312072
Application Number:	12312578
Application Number:	12313833
Application Number:	12315135
Application Number:	12315472
Application Number:	12315502
Application Number:	12316187
Application Number:	12316285
Application Number:	12316389
Application Number:	12316602
Application Number:	12317002
Application Number:	12317900
Application Number:	12317919
Application Number:	12318850
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Application Number:	12319496
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Application Number:	12320661
Application Number:	12321081
Application Number:	12321719
Application Number:	12322140
Application Number:	12327400
Application Number:	12327507
Application Number:	12328366

Property Type	Number
Application Number:	12330785
Application Number:	12335955
Application Number:	12339576
Application Number:	12341533
Application Number:	12342444
Application Number:	12343223
Application Number:	12346427
Application Number:	12347011
Application Number:	12347209
Application Number:	12347530
Application Number:	12349324
Application Number:	12349441
Application Number:	12351282
Application Number:	12352299
Application Number:	12352896
Application Number:	12355114
Application Number:	12355905
Application Number:	12356166
Application Number:	12356214
Application Number:	12362328
Application Number:	12364118
Application Number:	12368792
Application Number:	12370148
Application Number:	12371234
Application Number:	12371261
Application Number:	12371300
Application Number:	12378349
Application Number:	12379855
Application Number:	12380092
Application Number:	12381483
Application Number:	12381970
Application Number:	12383159
Application Number:	12385989
Application Number:	12386279
Application Number:	12387208
Application Number:	12387241
Application Number:	12387297
Application Number:	12387301

Property Type	Number
Application Number:	12387339
Application Number:	12387355
Application Number:	12387401
Application Number:	12389903
Application Number:	12392420
Application Number:	12392643
Application Number:	12393664
Application Number:	12397238
Application Number:	12397955
Application Number:	12404023
Application Number:	12407996
Application Number:	12411436
Application Number:	12414933
Application Number:	12415392
Application Number:	12418442
Application Number:	12420168
Application Number:	12422281
Application Number:	12423600
Application Number:	12425576
Application Number:	12426227
Application Number:	12427513
Application Number:	12428407
Application Number:	12432524
Application Number:	12433326
Application Number:	12433424
Application Number:	12433984
Application Number:	12435492
Application Number:	12437191
Application Number:	12449631
Application Number:	12450188
Application Number:	12450269
Application Number:	12453135
Application Number:	12453975
Application Number:	12454135
Application Number:	12455508
Application Number:	12455708
Application Number:	12456178
Application Number:	12456847

Property Type	Number
Application Number:	12457047
Application Number:	12457365
Application Number:	12457413
Application Number:	12457463
Application Number:	12458504
Application Number:	12459086
Application Number:	12459247
Application Number:	12459252
Application Number:	12459260
Application Number:	12459300
Application Number:	12459339
Application Number:	12459349
Application Number:	12460202
Application Number:	12461841
Application Number:	12461847
Application Number:	12462443
Application Number:	12463191
Application Number:	12464982
Application Number:	12470855
Application Number:	12471315
Application Number:	12472315
Application Number:	12472879
Application Number:	12474432
Application Number:	12478130
Application Number:	12478572
Application Number:	12485549
Application Number:	12488507
Application Number:	12489784
Application Number:	12490191
Application Number:	12490838
Application Number:	12491184
Application Number:	12491186
Application Number:	12492391
Application Number:	12492562
Application Number:	12492882
Application Number:	12493328
Application Number:	12493812
Application Number:	12495236

Property Type	Number
Application Number:	12495331
Application Number:	12495345
Application Number:	12495346
Application Number:	12495391
Application Number:	12495779
Application Number:	12498702
Application Number:	12499621
Application Number:	12511673
Application Number:	12513969
Application Number:	12514687
Application Number:	12520039
Application Number:	12520623
Application Number:	12520854
Application Number:	12522277
Application Number:	12525872
Application Number:	12532179
Application Number:	12534397
Application Number:	12536947
Application Number:	12545680
Application Number:	12553178
Application Number:	12554557
Application Number:	12556354
Application Number:	12562037
Application Number:	12564502
Application Number:	12565600
Application Number:	12569017
Application Number:	12569227
Application Number:	12571180
Application Number:	12571263
Application Number:	12575625
Application Number:	12579563
Application Number:	12580099
Application Number:	12584664
Application Number:	12584774
Application Number:	12585977
Application Number:	12586639
Application Number:	12587058
Application Number:	12588112

Property Type	Number
Application Number:	12591341
Application Number:	12593674
Application Number:	12597049
Application Number:	12597923
Application Number:	12606011
Application Number:	12610825
Application Number:	12611187
Application Number:	12611389
Application Number:	12611983
Application Number:	12612517
Application Number:	12615439
Application Number:	12618752
Application Number:	12622897
Application Number:	12626742
Application Number:	12627571
Application Number:	12631569
Application Number:	12635265
Application Number:	12635312
Application Number:	12635341
Application Number:	12635373
Application Number:	12635814
Application Number:	12636435
Application Number:	12639525
Application Number:	12640385
Application Number:	12640975
Application Number:	12640997
Application Number:	12641601
Application Number:	12642762
Application Number:	12642764
Application Number:	12642765
Application Number:	12645109
Application Number:	12646274
Application Number:	12647839
Application Number:	12650284
Application Number:	12652615
Application Number:	12652937
Application Number:	12655839
Application Number:	12655884

Property Type	Number
Application Number:	12656281
Application Number:	12657195
Application Number:	12657386
Application Number:	12658910
Application Number:	12659032
Application Number:	12663877
Application Number:	12665625
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Application Number:	12667563
Application Number:	12669329
Application Number:	12669870
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Application Number:	12672545
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Application Number:	12677946
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Application Number:	12682995
Application Number:	12684250
Application Number:	12685470
Application Number:	12685497
Application Number:	12685895
Application Number:	12691479
Application Number:	12696425
Application Number:	12696520
Application Number:	12696642
Application Number:	12700899
Application Number:	12701171
Application Number:	12702183
Application Number:	12702394
Application Number:	12705312
Application Number:	12712247
Application Number:	12712318
Application Number:	12713664
Application Number:	12714202
Application Number:	12718019
Application Number:	12718992
Application Number:	12719967
Application Number:	12724542

Property Type	Number
Application Number:	12724578
Application Number:	12731784
Application Number:	12732514
Application Number:	12734472
Application Number:	12735732
Application Number:	12738741
Application Number:	12739198
Application Number:	12739470
Application Number:	12740065
Application Number:	12741290
Application Number:	12743905
Application Number:	12744108
Application Number:	12751534
Application Number:	12753547
Application Number:	12757192
Application Number:	12760165
Application Number:	12761572
Application Number:	12763787
Application Number:	12764542
Application Number:	12768039
Application Number:	12770133
Application Number:	12779448
Application Number:	12780241
Application Number:	12780912
Application Number:	12780913
Application Number:	12784349
Application Number:	12787981
Application Number:	12789049
Application Number:	12793245
Application Number:	12794268
Application Number:	12800101
Application Number:	12801014
Application Number:	12801049
Application Number:	12803094
Application Number:	12811624
Application Number:	12812998
Application Number:	12816439
Application Number:	12821083

Property Type	Number
Application Number:	12826397
Application Number:	12826955
Application Number:	12827949
Application Number:	12828017
Application Number:	12828443
Application Number:	12830990
Application Number:	12832385
Application Number:	12835611
Application Number:	12838683
Application Number:	12843492
Application Number:	12843598
Application Number:	12846569
Application Number:	12847250
Application Number:	12847490
Application Number:	12850788
Application Number:	12858050
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Application Number:	12867017
Application Number:	12867779
Application Number:	12871746
Application Number:	12877074
Application Number:	12877353
Application Number:	12877367
Application Number:	12883315
Application Number:	12883335
Application Number:	12885814
Application Number:	12888246
Application Number:	12889956
Application Number:	12890167
Application Number:	12892647
Application Number:	12896656
Application Number:	12897494
Application Number:	12900246
Application Number:	12908028
Application Number:	12911470
Application Number:	12915261
Application Number:	12915743
Application Number:	12915829

Property Type	Number
Application Number:	12915980
Application Number:	12916028
Application Number:	12917852
Application Number:	12919288
Application Number:	12925862
Application Number:	12936694
Application Number:	12940677
Application Number:	12944917
Application Number:	12944928
Application Number:	12944939
Application Number:	12945612
Application Number:	12947468
Application Number:	12950715
Application Number:	12954001
Application Number:	12955014
Application Number:	12956606
Application Number:	12960936
Application Number:	12961677
Application Number:	12962926
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Application Number:	12964673
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Application Number:	12986728
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Application Number:	12987572
Application Number:	12989621
Application Number:	12990374
Application Number:	12990663
Application Number:	12991698
Application Number:	12994964
Application Number:	12995716
Application Number:	12998133

Property Type	Number
Application Number:	12998662
Application Number:	12998738
Application Number:	12999575
Application Number:	13000065
Application Number:	13000713
Application Number:	13000724
Application Number:	13002185
Application Number:	13003601
Application Number:	13003627
Application Number:	13006142
Application Number:	13007710
Application Number:	13007883
Application Number:	13011487
Application Number:	13012516
Application Number:	13012547
Application Number:	13018997
Application Number:	13020631
Application Number:	13021481
Application Number:	13022408
Application Number:	13025611
Application Number:	13025908
Application Number:	13026532
Application Number:	13026885
Application Number:	13029168
Application Number:	13032309
Application Number:	13038183
Application Number:	13041364
Application Number:	13042894
Application Number:	13043145
Application Number:	13046016
Application Number:	13051055
Application Number:	13053591
Application Number:	13056356
Application Number:	13058600
Application Number:	13060657
Application Number:	13061175
Application Number:	13062060
Application Number:	13064288

Property Type	Number
Application Number:	13066401
Application Number:	13068341
Application Number:	13072414
Application Number:	13073109
Application Number:	13073485
Application Number:	13074281
Application Number:	13075723
Application Number:	13076498
Application Number:	13076652
Application Number:	13077010
Application Number:	13077086
Application Number:	13077420
Application Number:	13077696
Application Number:	13078405
Application Number:	13083501
Application Number:	13085026
Application Number:	13087125
Application Number:	13088142
Application Number:	13088876
Application Number:	13092729
Application Number:	13093878
Application Number:	13096428
Application Number:	13096479
Application Number:	13099131
Application Number:	13099649
Application Number:	13099685
Application Number:	13100061
Application Number:	13106312
Application Number:	13107326
Application Number:	13107669
Application Number:	13118772
Application Number:	13121015
Application Number:	13123464
Application Number:	13124321
Application Number:	13125958
Application Number:	13128317
Application Number:	13128607
Application Number:	13128615

Property Type	Number
Application Number:	13129907
Application Number:	13130005
Application Number:	13131056
Application Number:	13142733
Application Number:	13143265
Application Number:	13144019
Application Number:	13145110
Application Number:	13146516
Application Number:	13148442
Application Number:	13148580
Application Number:	13151447
Application Number:	13151786
Application Number:	13155818
Application Number:	13159018
Application Number:	13160643
Application Number:	13160852
Application Number:	13162317
Application Number:	13163118
Application Number:	13163838
Application Number:	13167522
Application Number:	13173612
Application Number:	13173850
Application Number:	13180825
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Application Number:	13185714
Application Number:	13188705
Application Number:	13189024
Application Number:	13189823
Application Number:	13189872
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Application Number:	13192676
Application Number:	13194347
Application Number:	13201229
Application Number:	13202215
Application Number:	13205363
Application Number:	13205974
Application Number:	13206151
Application Number:	13206243

Property Type	Number
Application Number:	13206856
Application Number:	13208465
Application Number:	13208478
Application Number:	13211864
Application Number:	13217781
Application Number:	13217809
Application Number:	13220199
Application Number:	13223536
Application Number:	13226001
Application Number:	13227513
Application Number:	13228063
Application Number:	13228073
Application Number:	13230962
Application Number:	13231587
Application Number:	13231609
Application Number:	13232060
Application Number:	13233905
Application Number:	13238329
Application Number:	13240783
Application Number:	13242743
Application Number:	13247585
Application Number:	13250124
Application Number:	13251573
Application Number:	13251651
Application Number:	13254358
Application Number:	13254891
Application Number:	13258650
Application Number:	13262137
Application Number:	13262975
Application Number:	13265963
Application Number:	13265985
Application Number:	13266162
Application Number:	13267959
Application Number:	13270600
Application Number:	13272842
Application Number:	13273415
Application Number:	13273686
Application Number:	13273921

Property Type	Number
Application Number:	13275614
Application Number:	13275647
Application Number:	13275809
Application Number:	13275870
Application Number:	13277948
Application Number:	13278773
Application Number:	13280671
Application Number:	13282009
Application Number:	13294729
Application Number:	13298709
Application Number:	13300937
Application Number:	13304289
Application Number:	13307479
Application Number:	13307483
Application Number:	13307924
Application Number:	13310415
Application Number:	13314351
Application Number:	13315339
Application Number:	13315489
Application Number:	13317933
Application Number:	13319236
Application Number:	13319248
Application Number:	13320108
Application Number:	13320230
Application Number:	13321035
Application Number:	13321654
Application Number:	13328238
Application Number:	13338923
Application Number:	13343457
Application Number:	13344975
Application Number:	13348243
Application Number:	13348754
Application Number:	13349661
Application Number:	13352451
Application Number:	13357781
Application Number:	13358490
Application Number:	13358615
Application Number:	13363334

Property Type	Number
Application Number:	13367441
Application Number:	13369475
Application Number:	13369691
Application Number:	13369994
Application Number:	13370443
Application Number:	13371708
Application Number:	13375960
Application Number:	13377640
Application Number:	13378901
Application Number:	13383333
Application Number:	13384812
Application Number:	13390742
Application Number:	13390771
Application Number:	13394783
Application Number:	13394897
Application Number:	13395669
Application Number:	13399479
Application Number:	13399515
Application Number:	13401182
Application Number:	13404469
Application Number:	13408014
Application Number:	13408206
Application Number:	13413205
Application Number:	13415881
Application Number:	13418414
Application Number:	13418471
Application Number:	13420256
Application Number:	13421301
Application Number:	13421972
Application Number:	13423433
Application Number:	13427366
Application Number:	13429021
Application Number:	13431405
Application Number:	13433952
Application Number:	13434399
Application Number:	13435085
Application Number:	13436136
Application Number:	13438265

Property Type	Number
Application Number:	13439334
Application Number:	13439371
Application Number:	13440001
Application Number:	13443360
Application Number:	13446010
Application Number:	13449824
Application Number:	13450189
Application Number:	13450714
Application Number:	13453143
Application Number:	13455561
Application Number:	13455803
Application Number:	13456402
Application Number:	13456749
Application Number:	13458025
Application Number:	13462363
Application Number:	13463510
Application Number:	13469503
Application Number:	13472615
Application Number:	13472638
Application Number:	13474773
Application Number:	13475190
Application Number:	13475236
Application Number:	13476678
Application Number:	13477512
Application Number:	13482363
Application Number:	13482377
Application Number:	13483851
Application Number:	13491021
Application Number:	13496315
Application Number:	13496649
Application Number:	13496669
Application Number:	13497216
Application Number:	13499409
Application Number:	13499691
Application Number:	13499695
Application Number:	13501493
Application Number:	13502240
Application Number:	13504818

Property Type	Number
Application Number:	13505419
Application Number:	13509293
Application Number:	13509459
Application Number:	13509650
Application Number:	13509784
Application Number:	13510355
Application Number:	13510448
Application Number:	13513725
Application Number:	13513950
Application Number:	13514184
Application Number:	13514423
Application Number:	13515316
Application Number:	13515455
Application Number:	13516217
Application Number:	13516459
Application Number:	13522946
Application Number:	13526817
Application Number:	13528719
Application Number:	13528802
Application Number:	13534291
Application Number:	13536359
Application Number:	13537300
Application Number:	13538341
Application Number:	13538916
Application Number:	13542093
Application Number:	13543384
Application Number:	13547512
Application Number:	13553751
Application Number:	13557648
Application Number:	13557843
Application Number:	13563381
Application Number:	13564160
Application Number:	13564442
Application Number:	13564840
Application Number:	13574661
Application Number:	13576410
Application Number:	13578869
Application Number:	13579558

Property Type	Number
Application Number:	13579979
Application Number:	13580139
Application Number:	13580269
Application Number:	13580363
Application Number:	13580425
Application Number:	13580451
Application Number:	13581312
Application Number:	13581860
Application Number:	13582164
Application Number:	13582772
Application Number:	13582805
Application Number:	13585546
Application Number:	13586284
Application Number:	13588138
Application Number:	13590482
Application Number:	13590724
Application Number:	13591791
Application Number:	13593049
Application Number:	13596363
Application Number:	13597905
Application Number:	13599704
Application Number:	13602492
Application Number:	13604756
Application Number:	13605452
Application Number:	13608531
Application Number:	13614244
Application Number:	13621514
Application Number:	13626279
Application Number:	13628563
Application Number:	13629731
Application Number:	13630157
Application Number:	13631264
Application Number:	13634659
Application Number:	13634811
Application Number:	13637452
Application Number:	13637479
Application Number:	13637830
Application Number:	13637887

Property Type	Number
Application Number:	13639007
Application Number:	13639019
Application Number:	13639032
Application Number:	13640701
Application Number:	13641789
Application Number:	13642782
Application Number:	13645037
Application Number:	13646794
Application Number:	13648628
Application Number:	13651991
Application Number:	13653737
Application Number:	13657203
Application Number:	13657341
Application Number:	13657945
Application Number:	13663285
Application Number:	13666596
Application Number:	13667457
Application Number:	13670742
Application Number:	13672869
Application Number:	13679059
Application Number:	13684860
Application Number:	13686659
Application Number:	13686838
Application Number:	13695750
Application Number:	13696431
Application Number:	13697589
Application Number:	13698511
Application Number:	13700465
Application Number:	13700487
Application Number:	13702372
Application Number:	13702435
Application Number:	13703192
Application Number:	13703196
Application Number:	13703201
Application Number:	13703851
Application Number:	13709880
Application Number:	13714584
Application Number:	13717982

Property Type	Number
Application Number:	13718379
Application Number:	13719863
Application Number:	13721914
Application Number:	13724926
Application Number:	13727978
Application Number:	13728168
Application Number:	13729619
Application Number:	13731791
Application Number:	13734069
Application Number:	13734243
Application Number:	13735413
Application Number:	13735423
Application Number:	13738361
Application Number:	13739518
Application Number:	13746119
Application Number:	13746406
Application Number:	13747836
Application Number:	13748244
Application Number:	13754258
Application Number:	13766158
Application Number:	13768460
Application Number:	13780234
Application Number:	13782442
Application Number:	13783754
Application Number:	13785145
Application Number:	13785231
Application Number:	13788635
Application Number:	13791476
Application Number:	13799009
Application Number:	13803910
Application Number:	13805566
Application Number:	13806212
Application Number:	13806484
Application Number:	13807038
Application Number:	13807551
Application Number:	13807588
Application Number:	13808048
Application Number:	13809235

Property Type	Number
Application Number:	13810271
Application Number:	13810876
Application Number:	13814414
Application Number:	13816856
Application Number:	13818603
Application Number:	13820798
Application Number:	13821583
Application Number:	13822345
Application Number:	13822399
Application Number:	13822674
Application Number:	13825364
Application Number:	13825480
Application Number:	13825604
Application Number:	13826322
Application Number:	13831023
Application Number:	13832842
Application Number:	13837531
Application Number:	13852511
Application Number:	13855228
Application Number:	13856624
Application Number:	13857110
Application Number:	13857118
Application Number:	13857137
Application Number:	13857688
Application Number:	13857766
Application Number:	13859367
Application Number:	13862037
Application Number:	13862091
Application Number:	13864582
Application Number:	13864608
Application Number:	13875788
Application Number:	13876985
Application Number:	13876996
Application Number:	13877463
Application Number:	13877547
Application Number:	13877587
Application Number:	13878900
Application Number:	13882812

Property Type	Number
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NAME OF SUBMITTER:	RICHARD J. MCNEELY
SIGNATURE:	/Richard J. McNeely/
DATE SIGNED:	09/13/2017

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PATENT SECURITY AGREEMENT

THIS PATENT SECURITY AGREEMENT, dated as of September 13, 2017, is made by Provenance Asset Group Holdings, LLC and Provenance Asset Group, LLC (each a "Grantor") in favor of Cortland Capital Market Services LLC, as administrative agent and collateral agent (in such capacity, together with its successors and permitted assigns, the "Agent") for the benefit of the Secured Parties (as defined below).

W I T N E S S E T H:

WHEREAS, the Grantors, the Administrative Agent and the lenders party thereto from time to time (collectively, the "Lenders" and, together with the Agent, the "Secured Parties"), have entered into that certain Loan and Security Agreement, dated as of September 13, 2017 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the "Loan Agreement");

WHEREAS, as a condition to the extension of credit by the Lenders to the Grantors under the Loan Agreement, each Grantor has agreed, pursuant to Loan Agreement, to grant to the Administrative Agent (for the benefit of itself and the Lenders) a security interest in, and lien on, all of the Patent Collateral (defined below); and

WHEREAS, pursuant to the Loan Agreement, Grantor is required to execute and deliver this Patent Security Agreement for purposes of recording such security interest with the United States Patent and Trademark Office;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each Grantor hereby agrees as follows:

Section 1. Defined Terms. Capitalized terms used herein without definition are used as defined in the Loan Agreement.

Section 2. Grant of Security Interest in Patent Collateral. Each Grantor, as collateral security for the prompt and complete payment and performance of the Obligations of such Grantor, hereby grants to the Agent for the benefit of the Secured Parties, a Lien on and security interest in all of its right, title and interest in, to and under (including the right, but not the obligation, to make and prosecute applications for such Patents) the following Collateral of such Grantor (the "Patent Collateral"):

(a) all Patents and patent applications listed on Schedule 1 hereto;

(b) all reissues, reexaminations, continuations, continuations-in-part, divisionals, renewals and extensions of the foregoing; and

(c) all income, royalties, proceeds, damages and payments at any time due or payable to the Grantors or asserted under and with respect to any of the foregoing, including, without limitation, all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, violation or other impairment thereof and any consideration received from the sale, exchange, license, lease or other disposition or transfer of any right, interest, asset or property constituting any or all of the foregoing Patent Collateral.

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Section 3. Loan Agreement. The security interest granted pursuant to this Patent Security Agreement is granted in conjunction with the security interest granted to the Agent pursuant to the Loan Agreement and each Grantor hereby acknowledges and agrees that the rights and remedies of the Administrative Agent with respect to the security interest in the Patent Collateral made and granted hereby are more fully set forth in the Loan Agreement. In the event of a conflict between the provisions of this Patent Security Agreement and the Loan Agreement, the provisions of the Loan Agreement shall control.

Section 4. Termination. This Patent Security Agreement shall terminate and the Lien on and security interest in the Patent Collateral shall be released upon the payment and performance of the Obligations. Upon the termination of this Patent Security Agreement, the Agent shall, upon the request of and at Grantor's sole cost and expense, execute all documents, make all filings, take all other actions reasonably requested by the Grantors to evidence and record the release of the Lien on and security interests in the Patent Collateral granted herein.

Section 5. Counterparts. This Patent Security Agreement may be executed in any number of counterparts and by different parties in separate counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

Section 6. Governing Law. This Patent Security Agreement and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the laws of the State of New York.

[SIGNATURE PAGES FOLLOW]

PATENT
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IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

PROVENANCE ASSET GROUP HOLDINGS LLC
as Grantor

By: _____
Name: DANIEL P. MCCURDY
Title: CEO

PROVENANCE ASSET GROUP LLC
as Grantor

By: _____
Name: DANIEL P. MCCURDY
Title: CEO

ACCEPTED AND AGREED
as of the date first written above:

CORTLAND CAPITAL MARKET SERVICES, LLC
as Agent

By: _____
Name:
Title:

IN WITNESS WHEREOF, each Grantor has caused this Patent Security Agreement to be executed and delivered by its duly authorized officer as of the date first set forth above.

PROVENANCE ASSET GROUP HOLDINGS LLC
as Grantor

By: _____
Name:
Title:

PROVENANCE ASSET GROUP LLC
as Grantor

By: _____
Name:
Title:

ACCEPTED AND AGREED
as of the date first written above:

CORTLAND CAPITAL MARKET SERVICES LLC,
as Agent

By: _____
Name: Emily Ergang Pappas
Title: Associate Counsel

ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
02899	Technologies	09/284212	6765862	US	ATM-KENTÄN ESIVALITSIJA.	07.10.1997
04142	Technologies	98101222.2	69806981,1	DE	METHOD FOR IMPROVING CONTRAST IN PICTURE SEQUENCES	24.01.1998
04142	Technologies	09/014954	6148103	US	METHOD FOR IMPROVING CONTRAST IN PICTURE SEQUENCES	28.01.1998
04142	Technologies	98101222.2	856813	GB	METHOD FOR IMPROVING CONTRAST IN PICTURE SEQUENCES	24.01.1998
04177	Technologies	00104761.2		EP	METHOD AND ARRANGEMENT FOR COMBINING VIDEO PICTURES	04.03.2000
04177	Technologies	09/521836	6724434	US	METHOD AND ARRANGEMENT FOR COMBINING VIDEO PICTURES	09.03.2000
04314	Technologies	09/461491	6229724	US	POWER FACTOR CORRECTED UNIVERSAL DISPLAY MONITOR POWER SUPPLY	14.12.1999
04326	Technologies	09/501026	6233162	US	COMBINED POWER SUPPLY AND PFC	09.02.2000
07542	Technologies	09/145764	6707910	US	DOUBLE TALK/NEAR END DETECTION BASED ON SIGNAL	02.09.1998
07612	Technologies	09/163845	6202045	US	A VARIABLE ORDER LINEAR PREDICTION CODING FOR A VARIABLE BIT-RATE SPEECH CODEC	30.09.1998
07639	Technologies	09/403458	6424843	US	DETAILS OF DEVICE AND A PHYSICAL USER INTERFACE FOR PORTABLEUSE, TELECONFERENCING, MULTIMEDIA COMMUNICATIONS ETC.	22.04.1998
07712	Technologies	09/402885	6810013	US	A METHOD TO ACHIEVE ROUTE OPTIMIZATION IN A PACKET BASED NETWORK	09.04.1998
07777	Technologies	09/234099	6584441	US	A BIT-RATE ADAPTIVE POSTFILTER	20.01.1999
07778	Technologies	09/314316	6732078	US	WWW-SELAIMEN OHJAUS KIINTEÄN SANAVARASTON PUHEENTUNNISTIMELLA	19.05.1999
100052	Technologies	16162244.4		EP	Hybrid QD-graphene photodetectors with uniform	24.03.2016
100052	Technologies	PCT/FI2017/050182		WO	Hybrid QD-graphene photodetectors with uniform	17.03.2017
101859	Technologies	16199920.6		EP	Differential force sensor	22.11.2016
10262	Technologies	09/393262	6400779	US	ESTIMATION CIR USING CORRELATION WITH LINE REMOVAL	11.03.1998
10763	Technologies	200510113626.4	2,0051E+11	CN	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	11.10.2005
10763	Technologies	98805819.7	ZL98805819.7	CN	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	98924343.1	69830189,7	DE	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	98924343.1	1025721	ES	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	98924343.1	1025721	FR	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	98924343.1	1025721	GB	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	98924343.1	5,02006E+14	IT	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	11-501674	3996210	JP	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	98924343.1	1025721	NL	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10763	Technologies	09/454119	6473622	US	CHARGING OF MOBILE TERMINATED SHORT MESSAGES (MS-SM) IN THEMSC BASED ON VALUE OF THE INFORMATION	02.06.1998
10792	Technologies	09/516971	6603967	US	CALL ROUTING IN A CELLULAR NETWORK	31.08.1998
10794	Technologies	97919074.1	69733802,9	DE	SMS-WWW INTERWORKING	15.09.1997
10794	Technologies	97919074.1	861565	GB	SMS-WWW INTERWORKING	15.09.1997
10794	Technologies	10-513296	3448066	JP	SMS-WWW INTERWORKING	15.09.1997
10794	Technologies	97919074.1	861565	NL	SMS-WWW INTERWORKING	15.09.1997
10794	Technologies	97191261.0	ZL97191261.0	CN	SMS-WWW INTERWORKING	15.09.1997
10794	Technologies	200310117930.7	2,0031E+11	CN	SMS-WWW INTERWORKING	26.11.2003

PATENT
REEL: 043967 FRAME: 0117

ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
10794	Technologies	IN2024/MAS/97	206482	IN	SMS-WWW INTERWORKING	11.09.1997
10883	Technologies	10/018572	6980797	US	RADIOPUHELIMEN AVULLA TEHTÄVÄ LANGATON TUNNISTUS	28.06.2000
10982	Technologies	10/169208	7502866	US	A METHOD FOR AUTOMATIC TRANSMISSION DATA COMMUNICATION PRIVATE IP NETWORKCONFIGURATION AND ADDRESSING - ACHIEVING ZERO-CONFIGURATIONDCN FOR NETWORKMANAGEMENT, AUTOMATED NETWORK CONFIGURATION, TESTING AND TROUBLESHOOTING INCELLULAR/PLAIN TRANSMISSION NETWO	05.01.2001
10982	Technologies	01803481.0	ZL01803481.0	CN	A METHOD FOR AUTOMATIC TRANSMISSION DATA COMMUNICATION PRIVATE IP NETWORKCONFIGURATION AND ADDRESSING - ACHIEVING ZERO-CONFIGURATIONDCN FOR NETWORKMANAGEMENT, AUTOMATED NETWORK CONFIGURATION, TESTING AND TROUBLESHOOTING INCELLULAR/PLAIN TRANSMISSION NETWO	05.01.2001
11416	Technologies	09/435490	6615051	US	RADIO TELECOMMUNICATIONS TERMINAL AND CONTROL METHOD	30.10.2001
11566	Technologies	98959925.3	69830421,7	DE	COUNTER/MEASUREMENT/EVENT CONTROL HANDLING METHOD FOR STATISTICS	11.12.1998
11566	Technologies	09/590562	6625266	US	COUNTER/MEASUREMENT/EVENT CONTROL HANDLING METHOD FOR STATISTICS	11.12.1998
11604	Technologies	10/046471	7307992	US	ATM-POHJAINEN YKSIKKÖTIETOKONEIDEN VÄLINEN SANOMALIIKENNEJÄRJESTELMÄ	11.07.2000
12300	Technologies	08/961288	6081730	US	SHORT CODE MEMORY (SCM) ADMINISTRATION	30.10.1997
12530	Technologies	97307124.4	69736855,6	DE	ANIMATION IN CELLULAR PHONE	15.09.1997
12530	Technologies	97307124.4	831629	ES	ANIMATION IN CELLULAR PHONE	15.09.1997
12530	Technologies	97307124.4	831629	FR	ANIMATION IN CELLULAR PHONE	15.09.1997
12530	Technologies	97307124.4	831629	GB	ANIMATION IN CELLULAR PHONE	15.09.1997
12530	Technologies	97307124.4	831629	NL	ANIMATION IN CELLULAR PHONE	15.09.1997
12556	Technologies	09/164672	6215985	US	WRISTLET PHONE	01.10.1998
12687	Technologies	09/161860	6237080	US	COMPRESSING RISC EXECUTABLES FOR COST-OPTIMIZED MEMORY CONFIGURATION	28.09.1998
12687	Technologies	98115889.2	69807612,5	DE	COMPRESSING RISC EXECUTABLES FOR COST-OPTIMIZED MEMORY CONFIGURATION	24.08.1998
12687	Technologies	98115889.2	905613	GB	COMPRESSING RISC EXECUTABLES FOR COST-OPTIMIZED MEMORY CONFIGURATION	24.08.1998
12714	Technologies	09/195860	6208876	US	KEY GUARD FOR MULTIPART PRODUCT	19.11.1998
12775	Technologies	09/195857	6415138	US	FLEXIBLE FOIL DOOR	10.01.2001
12847	Technologies	09/178313	6295506	US	DYNAMIC DOWN-LOADING OF CALIBRATION PARAMETERS VIA TELECOMMUNICATION OR LOCAL AREA NETWORK FOR MEASUREMENT DEVICE	23.10.1998
12923	Technologies	09/207880	6028567	US	PLANAR DUAL-BAND ANTENNA BASED ON A PARASITIC ELEMENT	08.12.1998
13040	Technologies	2000-305378	4798828	JP	COMMUNICATION TERMINAL HAVING EXCHANGEABLE PARTS	04.10.2000
13040	Technologies	00308707.9	1091540	NL	COMMUNICATION TERMINAL HAVING EXCHANGEABLE PARTS	03.10.2000
13040	Technologies	00308707.9	60039830,7	DE	COMMUNICATION TERMINAL HAVING EXCHANGEABLE PARTS	03.10.2000
13040	Technologies	09/678962	7092519	US	COMMUNICATION TERMINAL HAVING EXCHANGEABLE PARTS	04.10.2000
13051	Technologies	10/312262	7715883	US	PSEUDO-RANDOM RINGING TUNES	10.07.2001
13080	Technologies	09/505457	6614905	US	SUPPORT STRUCTURE FOR A KEYPAD	02.11.2002
13083	Technologies	00301343.0	5,02004E+14	IT	A COMMUNICATION TERMINAL HAVING A PREDICTIVE EDITOR APPLICATION	21.02.2000
13083	Technologies	2000-042902	4184567	JP	A COMMUNICATION TERMINAL HAVING A PREDICTIVE EDITOR APPLICATION	21.02.2000
13083	Technologies	09/507971	6542170	US	A COMMUNICATION TERMINAL HAVING A PREDICTIVE EDITOR APPLICATION	22.02.2000

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
13083	Technologies	00108350.3	ZL00108350.3	CN	A COMMUNICATION TERMINAL HAVING A PREDICTIVE EDITOR APPLICATION	22.02.2000
13083	Technologies	00301343.0	60002252,8	DE	A COMMUNICATION TERMINAL HAVING A PREDICTIVE EDITOR APPLICATION	21.02.2000
13157	Technologies	09/238380	6240363	US	INTELLIGENT COMPASS FOR QUALITATIVE NAVIGATION	27.01.1999
13164	Technologies	09/614276	7039629	US	ADV. SPEECH RECOGNITION USER INTERFACE	12.07.2000
13165	Technologies	09/327390	6477498	US	VOICE KEY - VOICE DETERMINED KEYBOARD FUNCTIONS	30.04.2002
13180	Technologies	99107414.7	59912231,5	DE	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	26.04.1999
13180	Technologies	99107414.7	957341	FR	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	26.04.1999
13180	Technologies	99107414.7	957341	GB	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	26.04.1999
13180	Technologies	09/311048	6456936	US	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	27.07.2001
13196	Technologies	99949300.0	1123583	EP	DATA CARD HOLDER	19.10.1999
13196	Technologies	09/807891	6461193	US	DATA CARD HOLDER	19.10.1999
13196	Technologies	99949300.0	69917798,7	DE	DATA CARD HOLDER	19.10.1999
13196	Technologies	99949300.0	1123583	FR	DATA CARD HOLDER	19.10.1999
13196	Technologies	99949300.0	1123583	GB	DATA CARD HOLDER	19.10.1999
13196	Technologies	99949300.0	5,02016E+14	IT	DATA CARD HOLDER	19.10.1999
13196	Technologies	99949300.0	1123583	NL	DATA CARD HOLDER	19.10.1999
13262	Technologies	9727062.3	2329094	GB	NAVIGATION KEY FOR A HANDSET	22.12.1997
13319	Technologies	09/217211	6160513	US	X-A SLOT ANTENNA	21.12.1998
13380	Technologies	97307125.1	69710665,9	DE	FLASH MEMORY MANAGER	15.09.1997
13380	Technologies	08/937986	6301635	US	FLASH MEMORY MANAGER	26.09.1997
13467	Technologies	09/213063	6317590	US	2ND HARMONIC LO MIXING FOR DIRECT CONVERSION	16.12.1998
13479	Technologies	10/376740	7092520	US	TRANSCEIVER CONSTRUCTION FOR EASILY CHANGEABLE FRONT COVER	28.02.2003
13479	Technologies	11/431220	7885403	US	TRANSCEIVER CONSTRUCTION FOR EASILY CHANGEABLE FRONT COVER	09.05.2006
13493	Technologies	97307126.9	69717229,5	DE	FLASH MEMORY MANAGER	15.09.1997
13493	Technologies	08/938494	5912848	US	FLASH MEMORY MANAGER	26.09.1997
13494	Technologies	97307127.7	69726088,7	DE	FLASH MEMORY MANAGER	15.09.1997
13494	Technologies	08/938533	6092160	US	FLASH MEMORY MANAGER	26.09.1997
13525	Technologies	09/037829	6202163	US	PARTIAL DISABLEMENT FROM INSTRUCTION TYPE	10.03.1998
13525	Technologies	98301933.2	69825344,2	DE	PARTIAL DISABLEMENT FROM INSTRUCTION TYPE	13.03.1998
13525	Technologies	98301933.2	864960	FR	PARTIAL DISABLEMENT FROM INSTRUCTION TYPE	13.03.1998
13525	Technologies	98301933.2	864960	GB	PARTIAL DISABLEMENT FROM INSTRUCTION TYPE	13.03.1998
13525	Technologies	98301933.2	5,02005E+14	IT	PARTIAL DISABLEMENT FROM INSTRUCTION TYPE	13.03.1998
13574	Technologies	09/195854	6375026	US	METAL COVER CONSTRUCTION	19.11.1998
13718	Technologies	97-46610	441868	KR	IMPROVED IS-657 PACKET TRANSMISSION SCHEME	10.09.1997
13768	Technologies	09/092802	6052089	US	ANTENNA DESIGN FOR 891 PROJECT	05.06.1998

PATENT
REEL: 043967 FRAME: 0119

ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
13772	Technologies	09/005103	5929813	US	ANTENNA FOR MOBILE COMMUNICATIONS DEVICE	09.01.1998
13822	Technologies	09/223905	6170000	US	METHOD OF INPUTTING KOREAN CHARACTERS	31.12.1998
13832	Technologies	09/322340	6473621	US	SHORTCUT CODES (SCC) FOR MESSAGES	28.05.1999
13906	Technologies	09/107257	6134455	US	INTELLIGENT RINGER SELECTION	30.06.1998
13916	Technologies	09/136186	6141417	US	HOOKING AND CRADLE OF PHONE UNIT	19.08.1998
13978	Technologies	09/465685	6600530	US	DISPLAY ATTACHMENT IMPROVEMENT	17.12.1999
14112	Technologies	99802030.3	ZL99802030.3	CN	AN IP BASED BSS WITH AUTOCONFIGURING BASE STATIONS	05.01.1999
14112	Technologies	99900211.6	69922492,6	DE	AN IP BASED BSS WITH AUTOCONFIGURING BASE STATIONS	05.01.1999
14112	Technologies	99900211.6	1058989	FR	AN IP BASED BSS WITH AUTOCONFIGURING BASE STATIONS	05.01.1999
14112	Technologies	99900211.6	5,02006E+14	IT	AN IP BASED BSS WITH AUTOCONFIGURING BASE STATIONS	05.01.1999
14112	Technologies	09/589998	6292891	US	AN IP BASED BSS WITH AUTOCONFIGURING BASE STATIONS	05.01.1999
14113	Technologies	09/559980	6684068	US	PAIKANNETTU SANOMA MATKAVIESTIMEEN	04.11.1998
14162	Technologies	09/567186	7085565	US	REGIONAL SERVICE	11.11.1998
14164	Technologies	99968399.8	69943377	DE	NEAR CALL/FIXED AREA CALL	26.12.1999
14164	Technologies	99968399.8	1142425	GB	NEAR CALL/FIXED AREA CALL	26.12.1999
14459	Technologies	00949513.6	60040379,3	DE	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	18.07.2000
14459	Technologies	991624	109749	FI	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	19.07.1999
14459	Technologies	09/787514	7269251	US	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	18.07.2000
14459	Technologies	00801444.2	ZL00801444.2	CN	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	18.07.2000
14470	Technologies	99936509.1	69936404,3	DE	PREVENTION OF SHORT MESSAGE SERVICE ACCORDING TO THE SHORT MESSAGE SERVICE CENTER AND A-SUBSCRIBER NUMBER FROM MOBILE ORIGINATED AND MOBILE TERMINATED DIRECTIONS	09.07.1999
14470	Technologies	99816796.7	ZL99816796.7	CN	PREVENTION OF SHORT MESSAGE SERVICE ACCORDING TO THE SHORT MESSAGE SERVICE CENTER AND A-SUBSCRIBER NUMBER FROM MOBILE ORIGINATED AND MOBILE TERMINATED DIRECTIONS	09.07.1999
14631	Technologies	09/724339	6816717	US	NARROWBAND SIR ESTIMATION USED IN THE FAST CLOSED LOOP TPC OF THE WCDMA TERMINAL (DOWNLINK)	30.03.1999
14669	Technologies	10/055323	6711252	US	CENTRALIZED ATTENDANT IN A VPN GROUP SUPPORTING PRIVATE NETWORK QSIG PROTOCOL	25.07.2000
14672	Technologies	00944162.7	1200803	GB	LOCATION AWARE CALENDAR WITH LEARNING LOCATION BOOKMARKING	13.07.2000
14672	Technologies	10/030669	6958692	US	LOCATION AWARE CALENDAR WITH LEARNING LOCATION BOOKMARKING	13.07.2000
14811	Technologies	70024/00	770021	AU	PREPAID PROFILES	01.09.2000
14811	Technologies	00812291.1	ZL00812291.1	CN	PREPAID PROFILES	01.09.2000
14811	Technologies	PCT/2002/00260/CHE	214440	IN	PREPAID PROFILES	01.09.2000
14811	Technologies	1320/CHE/2004		IN	PREPAID PROFILES	03.12.2004
14811	Technologies	10/069485	7346154	US	PREPAID PROFILES	01.09.2000
14811	Technologies	08171613.6	60048965,5	DE	PREPAID PROFILES	15.12.2008
14811	Technologies	08171613.6	2166740	GB	PREPAID PROFILES	15.12.2008
15004	Technologies	00817154.8	ZL00817154.8	CN	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
15004	Technologies	00987517.0	60032385,4	DE	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
15004	Technologies	00987517.0	1238510	NL	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
15004	Technologies	10/172739	7372847	US	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
16170	Technologies	09/976876	7526547	US	INTELLEGENT CHARGING EDGE (ICE) - BRIDGE	12.10.2001
16331	Technologies	10/468435	7558585	US	THRESHOLD LOADING/UTILISATION LEVEL FOR POSITIONING ESTIMATION ENTITIES FOR OPTIMISATION AND OTHER PURPOSES	21.12.2001
16428	Technologies	02733132.1	60237715,3	DE	METHOD FOR SECURING MOBILE MULTIMEDIA DEVICE FROM MISUSE	27.03.2002
16428	Technologies	02733132.1	1488655	GB	METHOD FOR SECURING MOBILE MULTIMEDIA DEVICE FROM MISUSE	27.03.2002
16428	Technologies	10/508054	7835721	US	METHOD FOR SECURING MOBILE MULTIMEDIA DEVICE FROM MISUSE	27.03.2002
16617	Technologies	03802832.8	3802832,8	CN	VIRTUAL TERMINAL	24.01.2003
16617	Technologies	03702803.2		EP	VIRTUAL TERMINAL	24.01.2003
16676	Technologies	01822029.0	ZL01822029.0	CN	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	01992133.7	60121798,5	DE	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	01992133.7	1342340	FR	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	04109330.6	1066659	HK	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	772/KOLNP/2003	241348	IN	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	01992133.7	1342340	NL	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	09/733284	6910148	US	ROUTER AND ROUTING PROTOCOL REDUNDANCY	07.12.2000
16676	Technologies	11/124134	7392424	US	ROUTER AND ROUTING PROTOCOL REDUNDANCY	09.05.2005
16931	Technologies	10/197245	7305242	US	SMART HOVER	17.07.2002
17383	Technologies	11/185890	8320254	US	AN INTEGRATED APPROACH FOR IP TRANSPORT OVER WDM OPTICAL NETWORK	21.07.2005
17399	Technologies	10/037297	7257625	US	CACHE ON DEMAND	21.12.2001
17399	Technologies	11/772688	8095633	US	CACHE ON DEMAND	02.07.2007
17414	Technologies	02781480.5	60227416,8	DE	A MECHANISM TO PERFORM AUTHORIZATION PRIOR TO HANDOVERS TO ADIFFERENT NETWORK	06.11.2002
17414	Technologies	09/986778	7684798	US	A MECHANISM TO PERFORM AUTHORIZATION PRIOR TO HANDOVERS TO ADIFFERENT NETWORK	09.11.2001
18034	Technologies	10/088315	7136632	US	Method for using mobile phone with electronic key	12.09.2000
18034	Technologies	11/521759	7283812	US	Method for using mobile phone with electronic key	15.09.2006
18090	Technologies	2367036	2367036	CA	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00805866.0	ZL00805866.0	CN	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00917089.5	60041484,1	DE	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00917089.5	1166385	FR	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00917089.5	1166385	GB	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	2000-611335	4170594	JP	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	09/937506	6714104	US	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18101	Technologies	09/472864	6760012	US	PREDIKATIIVISESTI KIRJOITETUN LYHYTVIESTIN KORJAUSMENETELMÄ	27.12.1999
18133	Technologies	99971616.0	1127467	GB	Utilization of Video Redundancy Coding in Error Concealment	27.10.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
18133	Technologies	99971616.0	69943111,5	DE	Utilization of Video Redundancy Coding in Error Concealment	27.10.1999
18133	Technologies	99971616.0	1127467	NL	Utilization of Video Redundancy Coding in Error Concealment	27.10.1999
18133	Technologies	09/432390	6744924	US	Utilization of Video Redundancy Coding in Error Concealment	02.11.1999
18194	Technologies	09/427912	6507617	US	Compression of motion in video coding system.	27.10.1999
18241	Technologies	09/512489	6775397	US	IMPROVED METHOD FOR USER RECOGNITION WITH CCD CAMERAS	24.02.2000
18241	Technologies	10/816523	7660444	US	IMPROVED METHOD FOR USER RECOGNITION WITH CCD CAMERAS	01.04.2004
18298	Technologies	58326/00	761771	AU	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	PI0012182.7	PI0012182.7	BR	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	2378435	2378435	CA	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	200510120112.1	2,0051E+11	CN	A Method to Improve the Performance of the LTP tool	02.11.2005
18298	Technologies	00812488.4	ZL00812488.4	CN	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	05104931.0	60041207,5	DE	A Method to Improve the Performance of the LTP tool	07.06.2005
18298	Technologies	00944090.0	60021083,9	DE	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	00944090.0	1203370	ES	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	05104931.0	1587062	FR	A Method to Improve the Performance of the LTP tool	07.06.2005
18298	Technologies	00944090.0	1203370	FR	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	05104931.0	1587062	GB	A Method to Improve the Performance of the LTP tool	07.06.2005
18298	Technologies	00944090.0	1203370	GB	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	PCT/2002/00026/CHE	207238	IN	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	00944090.0	5,02006E+14	IT	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	2005-056891	4426483	JP	A Method to Improve the Performance of the LTP tool	02.03.2005
18298	Technologies	2001-508440	4142292	JP	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	2005-7013257	593459	KR	A Method to Improve the Performance of the LTP tool	18.07.2005
18298	Technologies	2001-7016955	545774	KR	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	00944090.0	1203370	NL	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	09/610461	7289951	US	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	11/296957	7457743	US	A Method to Improve the Performance of the LTP tool	08.12.2005
18360	Technologies	09/369221	6914890	US	FRAME SORTING METHOD FOR MIXED DATA RATE ENVIRONMENT	05.08.1999
18414	Technologies	09/474724	6356172	US	MEKANIIKKAOSAAN INTEGROITU ONTELORESONAATTORIRAKENNE	29.12.1999
18450	Technologies	00311706.6	60022304,3	DE	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	00311706.6	1116961	FR	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	00311706.6	1116961	GB	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	00311706.6	5,02006E+14	IT	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	2001-2788	4694700	JP	Speaker tracker for a multimicrophone system	10.01.2001
18450	Technologies	09/482825	6449593	US	Speaker tracker for a multimicrophone system	13.01.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
18581	Technologies	01806741.7	ZL01806741.7	CN	Predictive Motion Estimation	19.01.2001
18581	Technologies	10/440841	7200174	US	Predictive Motion Estimation	19.05.2003
18581	Technologies	03021078.5	60150246,9	DE	Predictive Motion Estimation	18.09.2003
18599	Technologies	11/888571	7829799	US	Micromechanical toroidal inductors and transformers for rf and power applications	31.07.2007
18612	Technologies	09/599138	7099339	US	GPRS WLAN INTEGRATION	22.06.2000
18681	Technologies	00819970.1	ZL00819970.1	CN	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	60009962,8	DE	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	1327283	FR	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	1327283	GB	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	5,02005E+14	IT	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	1327283	NL	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	10/399480	6958662	US	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18751	Technologies	09/747218	7251788	US	Simulated Relativistic Delay for Games	21.12.2000
18829	Technologies	09/750772	7062469	US	Public Wireless Internet Access Subsidised by Dynamic Display Advertising	02.01.2001
18976	Technologies	02009134.4	60238458,3	DE	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	24.04.2002
18976	Technologies	02009134.4	1255244	GB	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	24.04.2002
18976	Technologies	2009-145579	4944161	JP	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	18.06.2009
18976	Technologies	02009134.4	1255244	NL	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	24.04.2002
18976	Technologies	10/137776	7162419	US	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	01.05.2002
19036	Technologies	0326082.5	2391285	GB	APPARATUS FOR LINEAR MOVEMENTS IN AN ELECTRICAL DEVICE	25.04.2002
19036	Technologies	2002-120186	4436996	JP	APPARATUS FOR LINEAR MOVEMENTS IN AN ELECTRICAL DEVICE	23.04.2002
19036	Technologies	2007-249490	4796029	JP	APPARATUS FOR LINEAR MOVEMENTS IN AN ELECTRICAL DEVICE	23.04.2002
19036	Technologies	10/128443	6733005	US	APPARATUS FOR LINEAR MOVEMENTS IN AN ELECTRICAL DEVICE	23.04.2002
19080	Technologies	03813097.1	3813097,1	CN	An actuator mechanism for an autofocus and zoom optics of a mobile imaging terminal	04.06.2003
19080	Technologies	10/163111	6710950	US	An actuator mechanism for an autofocus and zoom optics of a mobile imaging terminal	05.06.2002
19080	Technologies	2004-511891	4344688	JP	An actuator mechanism for an autofocus and zoom optics of a mobile imaging terminal	04.06.2003
19128	Technologies	02817111.X	02817111.X	CN	Zoom-browser: A device and method for zooming and panning for hand-held devices	03.09.2002
19128	Technologies	09/944165	7075513	US	Zoom-browser: A device and method for zooming and panning for hand-held devices	04.09.2001
19177	Technologies	02816791.0	2816791	CN	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19177	Technologies	02755563.0	60223054,3	DE	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19177	Technologies	02755563.0	1421794	FR	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19177	Technologies	2004-7002761	765310	KR	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19228	Technologies	02781646.1		EP	Method for user participation in entartainment shows over mobile communication	13.12.2002
19228	Technologies	10/015780	7062222	US	Method for user participation in entartainment shows over mobile communication	17.12.2001
19315	Technologies	10/327681	7023428	US	Virtual Stylus - A Method for One-hand Use of a Touch-screen Controlled Phone	20.12.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
19315	Technologies	02805355.1		EP	Virtual Stylus - A Method for One-hand Use of a Touch-screen Controlled Phone	20.11.2002
19317	Technologies	11/234282	7479947	US	Minibrowser - A Phone Form Factor Optimized for Viewing Web Pages	26.09.2005
19317	Technologies	09/988740	7009599	US	Minibrowser - A Phone Form Factor Optimized for Viewing Web Pages	20.11.2001
19387	Technologies	10/056674	6934911	US	Grouping contextual objects and displaying them on a mobile terminal user interface	25.01.2002
19396	Technologies	02257828.0	60241781,3	DE	Noise Reduction and edge detection for Bayer Matrixed images	12.11.2002
19396	Technologies	02257828.0	1315367	GB	Noise Reduction and edge detection for Bayer Matrixed images	12.11.2002
19396	Technologies	02257828.0	1315367	NL	Noise Reduction and edge detection for Bayer Matrixed images	12.11.2002
19396	Technologies	10/008577	6904169	US	Noise Reduction and edge detection for Bayer Matrixed images	13.11.2001
19636	Technologies	10/372721	6876226	US	Non volatile dynamic logic circuits based on storage technologies	24.02.2003
19750	Technologies	10/175641	7064760	US	Method for Extending Structured Content to Support Streaming	19.06.2002
22009	Technologies	09/436402	6255889	US	APPLYING SHUNT-SHUNT FEEDBACK TO THE RF TRANSISTOR IN A GILBERT CELL EVEN IN COMBINATION WITH INDUCTIVE SERIES FEEDBACK, IN ORDER TO IMPROVE INPUT EXPRESSION AND MINIMIZE NOISE	09.11.1999
23266	Technologies	10/018035	6696639	US	EMI TIIVISTE - PROFILIT	22.06.2000
23556	Technologies	02808090.4	2808090,4	CN	PRE-WHITENING INTERFERENCE REJECTION COMBINING	19.03.2002
23556	Technologies	02705004.6	60238905,4	DE	PRE-WHITENING INTERFERENCE REJECTION COMBINING	19.03.2002
23666	Technologies	10/441253	7317895	US	METHOD OF CONTROLLING THE QUALITY OF LMU TIMING WITH GPS CLOCK	20.05.2003
23775	Technologies	03253900.9	60317267,9	DE	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	20.06.2003
23775	Technologies	03253900.9	1377083	FR	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	20.06.2003
23775	Technologies	03253900.9	1377083	NL	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	20.06.2003
23775	Technologies	10/603080	7590678	US	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	25.06.2003
23938	Technologies	12/705312		US	REALTIME GAMING WITH DUAL TRANSFER MODE IN GSM	12.02.2010
23938	Technologies	15/044884		US	REALTIME GAMING WITH DUAL TRANSFER MODE IN GSM	16.02.2016
24009	Technologies	09/304348	6231519	US	AIR QUALITY ANALYSIS METHOD BASED ON HUMAN REACTIONS AND CLUSTERING METHODS	04.05.1999
24055	Technologies	09/243703	6105784	US	BUNDLED PACKAGE FOR COLOURED COVERS	02.02.1999
24153	Technologies	09/260105	6661784	US	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	69941082,7	DE	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	1060594	FR	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	1060594	GB	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	1060594	NL	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24293	Technologies	09/563739	6748249	US	DUAL SLIDE MECHANISM FOR CELLULAR PHONES	03.05.2000
24396	Technologies	19991684	109445	FI	WIRELESS SUBSCRIBER IDENTITY MODULE READER	06.08.1999
24396	Technologies	09/630945	6928299	US	WIRELESS SUBSCRIBER IDENTITY MODULE READER	03.08.2000
24463	Technologies	09/553663	7106857	US	UP-SLIDE COVER	21.04.2000
24476	Technologies	09/321861	6201501	US	PORTABLE RADIO TELEPHONE APPARATUS HAVING INTERNAL GPS ANTENNA LOCATED ABOVE THE DISPLAY OR SPEAKER	28.05.1999
24482	Technologies	09/469004	6365854	US	SLIDE CONTACT- AND DOUBLE COVER CONSTRUCTION	21.12.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
24515	Technologies	00660228.8	60026276,6	DE	OPTIMIZED MULTIELEMENT ANTENNA FEEDING LINES FOR ONE FEEDINGPOINT	12.12.2000
24515	Technologies	09/749365	6498586	US	OPTIMIZED MULTIELEMENT ANTENNA FEEDING LINES FOR ONE FEEDINGPOINT	27.12.2000
24556	Technologies	09/740802	6563739	US	MMI (MODIFIED MEMORY INTERFACE)	21.12.2000
24605	Technologies	09/631501	6752320	US	PUSH-PUSH ANTENNA MECHANISM FOR PCMCIA CARD PHONE	03.08.2000
24629	Technologies	01919485.1	60128081,4	DE	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	20000639	117772	FI	OPTIMOITU REGULAATTORI	17.03.2000
24629	Technologies	01919485.1	1287604	FR	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	01919485.1	1287604	GB	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	01919485.1	5,02008E+14	IT	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	09/811058	6441591	US	OPTIMOITU REGULAATTORI	16.03.2001
24664	Technologies	00972922.9	60040863,9	DE	MOBILE PHONE INTEGRATED CAMERA WITH IMPROVED SELF VIEW CAPABILITIES	25.10.2000
24740	Technologies	01660130.4	60119035,1	DE	TOTAL MAIL MESSAGING CONCEPT	29.06.2001
24740	Technologies	09/897354	7395313	US	TOTAL MAIL MESSAGING CONCEPT	02.07.2001
24740	Technologies	01660130.4	1170911	GB	TOTAL MAIL MESSAGING CONCEPT	29.06.2001
24740	Technologies	01660130.4	1170911	NL	TOTAL MAIL MESSAGING CONCEPT	29.06.2001
24856	Technologies	00309610.4	60042389,1	DE	GESTURE BASED USER IDENTIFICATION	31.10.2000
24856	Technologies	09156018.5	60048496,3	DE	GESTURE BASED USER IDENTIFICATION	24.03.2009
24856	Technologies	00309610.4	1104143	FR	GESTURE BASED USER IDENTIFICATION	31.10.2000
24856	Technologies	09156018.5	2111021	FR	GESTURE BASED USER IDENTIFICATION	24.03.2009
24856	Technologies	00309610.4	1104143	GB	GESTURE BASED USER IDENTIFICATION	31.10.2000
24856	Technologies	09156018.5	2111021	GB	GESTURE BASED USER IDENTIFICATION	24.03.2009
24856	Technologies	09156018.5	2111021	NL	GESTURE BASED USER IDENTIFICATION	24.03.2009
24932	Technologies	01660086.8	60108445,4	DE	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	04.05.2001
24932	Technologies	01660086.8	1161064	FR	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	04.05.2001
24932	Technologies	01660086.8	1161064	GB	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	04.05.2001
24932	Technologies	09/864007	7292880	US	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	23.05.2001
24953	Technologies	01300455.1	60145186,4	DE	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	19.01.2001
24953	Technologies	01300455.1	1122583	NL	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	19.01.2001
24953	Technologies	09/494229	6700638	US	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	31.01.2000
24953	Technologies	13315/2001	4728489	JP	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	22.01.2001
25051	Technologies	09/179771	6349220	US	BACK TOUCH SCREEN	27.10.1998
25051	Technologies	98121429.0	ZL98121429.0	CN	BACK TOUCH SCREEN	30.10.1998
25051	Technologies	98308299.1	69835863,5	DE	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	98308299.1	913977	FR	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	98308299.1	5,02007E+14	IT	BACK TOUCH SCREEN	13.10.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
25051	Technologies	98308299.1	913977	SE	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	9723086.6	2330982	GB	BACK TOUCH SCREEN	31.10.1997
25116	Technologies	9923957.6	2355128	GB	MULTIFUNCTION TRANSDUCER	08.10.1999
25116	Technologies	09/684949	7092745	US	MULTIFUNCTION TRANSDUCER	10.10.2000
25141	Technologies	10/020974	7149540	US	DUAL STRIP COMPACT SIZE ANTENNA FOR A MOBILE HANDSET WITH IMPROVED PERFORMANCE	19.12.2001
25175	Technologies	09/684662	6784844	US	FLEXIBLE ANTENNA	10.10.2000
25195	Technologies	10/089815	7215975	US	ON/OFF BUTTON RETURNS TO IDLE STATE	25.09.2000
25195	Technologies	9923920.4	2355145	GB	ON/OFF BUTTON RETURNS TO IDLE STATE	08.10.1999
25226	Technologies	09/852630	7548761	US	COVER RELEASE BUTTON	11.05.2001
25286	Technologies	06002190.4	60147822,3	DE	GAMES BUSINESS MODEL	02.06.2006
25286	Technologies	01960361.2	60118747,4	DE	GAMES BUSINESS MODEL	22.06.2001
25286	Technologies	06002190.4	1659757	GB	GAMES BUSINESS MODEL	02.06.2006
25286	Technologies	0016256.0	2364484	GB	GAMES BUSINESS MODEL	30.06.2000
25286	Technologies	01960361.2	1299985	GB	GAMES BUSINESS MODEL	22.06.2001
25287	Technologies	01951622.8	60140444	DE	UNIVERSAL MODULATION MODE TRI-AMPLIFIER	13.06.2001
25287	Technologies	01951622.8	1293074	GB	UNIVERSAL MODULATION MODE TRI-AMPLIFIER	13.06.2001
25287	Technologies	10/297847	7657238	US	UNIVERSAL MODULATION MODE TRI-AMPLIFIER	13.06.2001
25287	Technologies	01813812.8	ZL01813812.8	CN	UNIVERSAL MODULATION MODE TRI-AMPLIFIER	13.06.2001
25303	Technologies	09/564787	6546369	US	IMPROVED SPEECH SYNTHESIZER	05.05.2000
25515	Technologies	09/675618	6771981	US	SMART COVER, EMBEDDED/INSTALLED RADIO FREQUENCY IDENTIFICATION (RFID) TRANSPONDER (TAG) INTO CHANGEABLE HANDSET TOP COVER (FACEPLATE)	29.09.2000
25515	Technologies	10/752360	7155199	US	SMART COVER, EMBEDDED/INSTALLED RADIO FREQUENCY IDENTIFICATION (RFID) TRANSPONDER (TAG) INTO CHANGEABLE HANDSET TOP COVER (FACEPLATE)	06.01.2004
25515	Technologies	10/752178	7133659	US	SMART COVER, EMBEDDED/INSTALLED RADIO FREQUENCY IDENTIFICATION (RFID) TRANSPONDER (TAG) INTO CHANGEABLE HANDSET TOP COVER (FACEPLATE)	06.01.2004
25515	Technologies	10/803222	7079832	US	SMART COVER, EMBEDDED/INSTALLED RADIO FREQUENCY IDENTIFICATION (RFID) TRANSPONDER (TAG) INTO CHANGEABLE HANDSET TOP COVER (FACEPLATE)	18.03.2004
25569	Technologies	09/964903	6618011	US	ANTENNA	27.09.2001
25642	Technologies	200480011968.9	2,0048E+11	CN	AUDIBLE CUES AND VOICETAGS REUSE IN A PHONE IN ORDER TO INCREASE ITS ACCESSIBILITY	26.04.2004
25642	Technologies	10/429192	7363060	US	AUDIBLE CUES AND VOICETAGS REUSE IN A PHONE IN ORDER TO INCREASE ITS ACCESSIBILITY	02.05.2003
25642	Technologies	2005-7020267	749018	KR	AUDIBLE CUES AND VOICETAGS REUSE IN A PHONE IN ORDER TO INCREASE ITS ACCESSIBILITY	26.04.2004
25724	Technologies	04754635.3	6,02004E+11	DE	FILM CMG INSERT FOR MOBILE PHONES	08.06.2004
25724	Technologies	10/462561	8542191	US	FILM CMG INSERT FOR MOBILE PHONES	16.06.2003
25745	Technologies	04252961.0	6,02004E+11	DE	REVERSE ENGINEERING OF CELLPHONES AT END OF LIFE TO CREATE SUCH ITEMS AS CLOCKS, STOP WATCHES, CALCULATORS AND OTHER EMBEDDED BUT NOT PHONE SPECIFIC FEATURES	20.05.2004
25745	Technologies	10/444485	7251458	US	REVERSE ENGINEERING OF CELLPHONES AT END OF LIFE TO CREATE SUCH ITEMS AS CLOCKS, STOP WATCHES, CALCULATORS AND OTHER EMBEDDED BUT NOT PHONE SPECIFIC FEATURES	23.05.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
25790	Technologies	09/823159	7054986	US	PROGRAMMABLE BUFFER STRUCTURE	30.03.2001
25858	Technologies	09/943848	6900798	US	SAVING BATTERY POWER USING LED NO-POWER PIXELS	31.08.2001
25890	Technologies	10/004403	7013398	US	MULTI BUS STRUCTURE	15.11.2001
26031	Technologies	09/691539	6437745	US	WIRELESS LAN PC-CARD ANTENNA	18.10.2000
26128	Technologies	09/599136	6940869	US	GPRS WLAN INTEGRATION - DATA TRANSPORT AND FUNCTIONS OF WIPLAYER	22.06.2000
26176	Technologies	02716255.1	60238307,2	DE	2G GSM AND HOTSPOT RADIO SEAMLESSMOBILITY	29.01.2002
26176	Technologies	02716255.1	1356701	GB	2G GSM AND HOTSPOT RADIO SEAMLESSMOBILITY	29.01.2002
26176	Technologies	09/770491	8019335	US	2G GSM AND HOTSPOT RADIO SEAMLESSMOBILITY	29.01.2001
26522	Technologies	00976873.0	60046428,8	DE	LOST PACKET RECOVERY ALGORITHM BASED ON TIME DOMAIN INTERPOLATION	03.11.2000
26522	Technologies	09/432781	6549886	US	LOST PACKET RECOVERY ALGORITHM BASED ON TIME DOMAIN INTERPOLATION	03.11.1999
27302	Technologies	2010-150843	4745451	JP	SYSTEM FOR PROFILING WIRELESS TERMINAL ACTIVITY AND DETERMINING SERVICE CONTEXT	01.07.2010
27302	Technologies	09/404759	6527641	US	SYSTEM FOR PROFILING WIRELESS TERMINAL ACTIVITY AND DETERMINING SERVICE CONTEXT	24.09.1999
27304	Technologies	0022870.0	2355627	GB	INTERACTIVE VOICE CHARACTER WIRELESS GAME SYSTEM	18.09.2000
27304A	Technologies	09/405490	6554707	US	INTERACTIVE VOICE CHARACTER WIRELESS GAME SYSTEM	24.09.1999
27304B	Technologies	10/387997	6793580	US	INTERACTIVE VOICE CHARACTER WIRELESS GAME SYSTEM	13.03.2003
27337	Technologies	14/475774	9369821	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	03.09.2014
27337	Technologies	09/470303	6832230	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	22.12.1999
27337	Technologies	10/981475	7904528	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	05.11.2004
27337	Technologies	00660234.6		EP	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	18.12.2000
27337	Technologies	10/777284	8856266	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	11.02.2004
27376	Technologies	09/800772	6908389	US	PREDEFINED MESSAGES FOR WIRELESS MULTIPLAYER GAMING	07.03.2001
27376	Technologies	02702613.7	60219897,6	DE	PREDEFINED MESSAGES FOR WIRELESS MULTIPLAYER GAMING	05.03.2002
28050	Technologies	10/092209	7163459	US	A METHOD AND A SYSTEM FOR ARRANGING BETTING IN THE MOBILE TERMINAL	06.03.2002
28055	Technologies	09/460340	6579184	US	A METHOD AND A SYSTEM FOR MULTIPLAYER GAMES AROUND THE BROADCATS PROGRAM	10.12.1999
28055D1	Technologies	10/401664	6817947	US	MULTI-PLAYER GAME SYSTEM	28.03.2003
28056	Technologies	09/981688	7451401	US	USER INTERFACE FOR BETTING SERVICES	17.10.2001
28056	Technologies	00941154.7	1195059	GB	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28056	Technologies	00941154.7	60015764,4	DE	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28056	Technologies	00941154.7	1195059	FR	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28056	Technologies	00941154.7	5,02006E+14	IT	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28057	Technologies	00819198.0	819198	CN	VIDEO FAST FORWARD FUNCTIONALITY IN A MOBILE PHONE	28.12.2000
28057	Technologies	00989619.2	1243138	GB	VIDEO FAST FORWARD FUNCTIONALITY IN A MOBILE PHONE	28.12.2000
28057	Technologies	00989619.2	1243138	FR	VIDEO FAST FORWARD FUNCTIONALITY IN A MOBILE PHONE	28.12.2000
28057	Technologies	00989619.2	60039191,4	DE	VIDEO FAST FORWARD FUNCTIONALITY IN A MOBILE PHONE	28.12.2000
28057	Technologies	09/473356	7493644	US	VIDEO FAST FORWARD FUNCTIONALITY IN A MOBILE PHONE	28.12.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
28070	Technologies	10/169198	6758563	US	CALIBRATION FREE EYE TRACKER	13.12.2000
28129	Technologies	01813744.X	ZL01813744.X	CN	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	21.05.2001
28129	Technologies	10184441.3		EP	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	30.09.2010
28129	Technologies	01934225.2		EP	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	21.05.2001
28129	Technologies	09/580583	8175921	US	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	30.05.2000
28191	Technologies	09/678050	8676921	US	CONTEXTUAL MAPPING BASED LEARNING BY CONVERTING INFORMATIONTO LEARNING	03.10.2000
28229	Technologies	09/750719	6801140	US	METHOD FOR ACTIVATE SMART CLOTHES & WEARABLE DEVICES	02.01.2001
28231	Technologies	02251013.5	60214449,3	DE	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	02251013.5	1233576	GB	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	02251013.5	5,02007E+14	IT	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	02251013.5	1233576	NL	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	12/685497	8447835	US	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	11.01.2010
28242	Technologies	09/708093	7251775	US	VISUAL HISTORY PRESENTATION AND MANAGEMENT	08.11.2000
28372	Technologies	10/533268	7962632	US	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	03795992.1	60321210,7	DE	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	03795992.1	1563669	FR	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	03795992.1	1563669	GB	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	2005-7007560	741943	KR	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28504	Technologies	10/072969	6795421	US	BLUETOOTH ACCESS POINT DESIGN ENABLING SERVICES TO MASTER AND SLAVE TERMINALS	12.02.2002
28504	Technologies	10/880571	6847625	US	BLUETOOTH ACCESS POINT DESIGN ENABLING SERVICES TO MASTER AND SLAVE TERMINALS	01.07.2004
28504	Technologies	10/861483	7602754	US	BLUETOOTH ACCESS POINT DESIGN ENABLING SERVICES TO MASTER AND SLAVE TERMINALS	07.06.2004
28543	Technologies	10/051021	7483721	US	FM AS RINGING TONE	22.01.2002
28553	Technologies	02445181.7		EP	DISTRIBUTED AND VIRAL CROSS-MEDIA QUIZZ GAME	18.12.2002
28553	Technologies	10/017382	7125336	US	DISTRIBUTED AND VIRAL CROSS-MEDIA QUIZZ GAME	18.12.2001
28580	Technologies	10/083134	7249182	US	PERSONAL PROFILE TO BLUETOOTH	27.02.2002
28640	Technologies	02741006.7	60212724	DE	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	02741006.7	1520436	FR	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	02741006.7	1520436	GB	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	200910146535.9	2,0091E+11	CN	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	03.06.2009
28640	Technologies	2004-7021610	798952	KR	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	10/518686		US	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28710	Technologies	10/237404	7058034	US	PHASE SHIFTED TIME SLICING TO IMPROVE HANDOVER	09.09.2002
28710	Technologies	11/345821	7894399	US	PHASE SHIFTED TIME SLICING TO IMPROVE HANDOVER	02.02.2006
28746	Technologies	10/608019	7333479	US	UDP/IP STACK IN RFID ENVIRONMENT	30.06.2003
28748	Technologies	11/211702	7474196	US	RF-ID QUESTIONARE FORM	26.08.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
28748	Technologies	10/368486	6978118	US	RF-ID QUESTIONARE FORM	20.02.2003
28757	Technologies	10/865171	7315532	US	METHOD FOR TIME DIVISION BASED FREQUENCY PLANNING	09.06.2004
28758	Technologies	11/027070	7461350	US	IMPLEMENTING APPLICATION SPECIFIC COLOR CODED BUTTONS IN A PHONE	30.12.2004
28803	Technologies	10/452865		US	VALIDATABLE AND PERSONAL MOBILE COUPON BASED ON J2ME MIDLETAND SERVER INTERACTION	02.06.2003
28871	Technologies	10/583470	7599665	US	QUALITY OR SERVICE DISCOVERY FOR MULTIMODE TERMINALS IN PROXIMITY COMMUNICATION ENVIRONMENT	19.12.2003
28930	Technologies	200510119161.3	2,0051E+11	CN	AN APPARATUS AND METHOD FOR TRAVERSING GATEWAY DEVICE BY MEANS OF USING BY PLURALITY OF BATONS	02.12.2005
28930	Technologies	05857019.3		EP	AN APPARATUS AND METHOD FOR TRAVERSING GATEWAY DEVICE BY MEANS OF USING BY PLURALITY OF BATONS	22.11.2005
28930	Technologies	11/003687	7694334	US	AN APPARATUS AND METHOD FOR TRAVERSING GATEWAY DEVICE BY MEANS OF USING BY PLURALITY OF BATONS	03.12.2004
28941	Technologies	10/730008	7305252	US	SHARING OF GENERIC DNS NAMES AMONG VARIOUS CONTENT PROVIDERS ("DYNAMING ALIASING")	09.12.2003
28976	Technologies	04026451.7	6,02004E+11	DE	TOPOGRAPHY PRESENTATION OF MEDIA CONTENT FILES	08.11.2004
29225	Technologies	09/406076	6054954	US	RIVERS CASE 29225	27.09.1999
29322	Technologies	09/823017	6600931	US	ANTENNA/BAND SWITCH	30.03.2001
29411	Technologies	00308242.7	60047977,3	DE	COILS INTEGRATED IN IC-PACKAGE	20.09.2000
29411	Technologies	00308242.7	1091398	FR	COILS INTEGRATED IN IC-PACKAGE	20.09.2000
29411	Technologies	09/684950	6465896	US	COILS INTEGRATED IN IC-PACKAGE	10.10.2000
29411	Technologies	10/172000	6835602	US	COILS INTEGRATED IN IC-PACKAGE	17.06.2002
29427	Technologies	00912601.2	60004512,9	DE	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00912601.2	1175650	FR	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00912601.2	1175650	GB	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	PA/a/2001/010800	235426	MX	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00912601.2	1175650	NL	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00809552.3	ZL00809552.3	CN	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	2001-7013625	729654	KR	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	09/958985	7089031	US	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29547	Technologies	01936304.3	60126929,2	DE	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	01936304.3	1281284	FR	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	01936304.3	1281284	GB	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	01809293.4	ZL01809293.4	CN	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	10/257354	7269638	US	OPERATOR BROWSING ICON	02.05.2001
29650	Technologies	01660155.1	60112522,3	DE	METHOD OF MANUFACTURING DECORATED PHONE COVERS & CIM FOIL ONCORE	30.08.2001
29650	Technologies	01143171.7	ZL01143171.7	CN	METHOD OF MANUFACTURING DECORATED PHONE COVERS & CIM FOIL ONCORE	15.09.2001
29650	Technologies	01660155.1	1188534	NL	METHOD OF MANUFACTURING DECORATED PHONE COVERS & CIM FOIL ONCORE	30.08.2001
29650	Technologies	09/952228	6875301	US	METHOD OF MANUFACTURING DECORATED PHONE COVERS & CIM FOIL ONCORE	13.09.2001
29663	Technologies	09/595968	6738477	US	BACK ACTIVATING/PUSHING MECHANISM FOR CAR-HOLDER	19.06.2000
29789	Technologies	09/783200	6337558	US	UNIVERSAL SPARE BATTERY CHARGER	14.02.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
29795C2	Technologies	200380100221.6	2,0038E+11	CN	FOLDABLE QWERTY PHONE	31.10.2003
29795C2	Technologies	03769730.7	60329517,7	DE	FOLDABLE QWERTY PHONE	31.10.2003
29795C2	Technologies	03769730.7	1556960	GB	FOLDABLE QWERTY PHONE	31.10.2003
29795C2	Technologies	2004-7012392	832149	KR	FOLDABLE QWERTY PHONE	31.10.2003
29795C2	Technologies	92130405	I322611	TW	FOLDABLE QWERTY PHONE	31.10.2003
29795C2	Technologies	10/285947	6801796	US	FOLDABLE QWERTY PHONE	01.11.2002
29906	Technologies	10/023559	7236762	US	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	18.12.2001
29906	Technologies	01660241.9	60121716	DE	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29906	Technologies	01660241.9	1220441	ES	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29906	Technologies	01660241.9	1220441	FR	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29906	Technologies	01660241.9	1220441	NL	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29957	Technologies	09/971194	6639853	US	DIGITAL MEMORY CHIP YIELD ENHANCEMENT	03.10.2001
29998	Technologies	10/474736	7149385	US	NEW REALISATION METHOD FOR OPTICAL INTERCONNECTION COMPONENT	11.04.2002
30621	Technologies	10/264285	7130286	US	POLICY RESOURCE TOKEN FOR EFFICIENT RESOURCE AUTHORIZATION DURING HANDOVERS	02.10.2002
30663	Technologies	10/795447	7034618	US	TEMPERATURE COMPENSATING BIAS CIRCUIT WITH INDEPENDENT SLOPEAND NOMINAL VOLTAGE ADJUSTMENTS	09.03.2004
31696	Technologies	200580050219.1	2,0058E+11	CN	IMPROVED HANDWRITING RECOGNITION MODE SWITCHING	24.06.2005
31696	Technologies	08109997.6	1114680	HK	IMPROVED HANDWRITING RECOGNITION MODE SWITCHING	09.09.2008
31696	Technologies	2008-7001835	1006749	KR	IMPROVED HANDWRITING RECOGNITION MODE SWITCHING	24.06.2005
31696	Technologies	11/993770	8760389	US	IMPROVED HANDWRITING RECOGNITION MODE SWITCHING	24.06.2005
31696	Technologies	2008-517614	4749468	JP	IMPROVED HANDWRITING RECOGNITION MODE SWITCHING	24.06.2005
31980	Technologies	10/999610	7221057	US	DYNAMICALLY RECONFIGURABLE CHIP	02.06.2003
31989	Technologies	2004-514356	4448027	JP	METHOD AND APPARATUS FOR ENHANCING CAMERA IMAGE QULITY	18.06.2003
31989	Technologies	11/011931	7589858	US	METHOD AND APPARATUS FOR ENHANCING CAMERA IMAGE QULITY	18.06.2003
32087	Technologies	01823887.4	1823887,4	CN	SMART COVERS FOR MOBILE DEVICES	18.12.2001
32114	Technologies	10/519816	7496350	US	ELECTRONIC SOS CARD	02.07.2002
32117	Technologies	10/495348	7826539	US	PACKET DELIMITING FLOW CONTROL FOR ASYNCHRONOUS SERIAL DATAINTERFACES	25.02.2002
32154	Technologies	02807971.3	60233270,2	DE	MINIATURE SPEAKER IN A VENTED BAND PASS DESIGN	10.10.2002
32154	Technologies	02807971.3	1550346	GB	MINIATURE SPEAKER IN A VENTED BAND PASS DESIGN	10.10.2002
32154	Technologies	02807971.3	1550346	NL	MINIATURE SPEAKER IN A VENTED BAND PASS DESIGN	10.10.2002
32315	Technologies	10/034237	7755566	US	METHODS FOR EXPRESSING ADDITIONAL INFORMATION ABOUT TRANSMITTED IMAGES DURING DISPLAY PHASE	27.12.2001
32337	Technologies	01000564.3	60115814,8	DE	CELLULAR 'JUKEBOX'	24.10.2001
32337	Technologies	10/027860	7024181	US	CELLULAR 'JUKEBOX'	25.10.2001
32337	Technologies	01000564.3	1202585	GB	CELLULAR 'JUKEBOX'	24.10.2001
32386	Technologies	09/703060	6810271	US	KASIPUHELIMEN SEKTORINAPPAIMISTO	31.10.2000
32477	Technologies	10/014174	6644607	US	NEW NOKIA ADAPTER (SWIVEL) FOR HOLDER¿S (IN THE CAR, BOAT...); 3 CONCEPTS	11.12.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
32538	Technologies	0025198.3	2367934	GB	TRANSFERRING TICKETS BETWEEN MOBILE DEVICES USING ELECTRONICBUSINESS CARDS	13.10.2000
32612	Technologies	02142972.3	2142972,3	CN	COMPACT INTERNAL MULTIBAND SHORTED PATCH ANTENNA FOR SMALL PORTABLE PHONES	13.09.2002
32612	Technologies	02016563.5	60203673,9	DE	COMPACT INTERNAL MULTIBAND SHORTED PATCH ANTENNA FOR SMALL PORTABLE PHONES	24.07.2002
32612	Technologies	09/953353	6552686	US	COMPACT INTERNAL MULTIBAND SHORTED PATCH ANTENNA FOR SMALL PORTABLE PHONES	14.09.2001
32654	Technologies	02253626.2	60210541,2	DE	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	02253626.2	1271898	FR	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	02253626.2	1271898	GB	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	02253626.2	1271898	NL	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	09/884639	7069063	US	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	19.06.2001
32674	Technologies	10/183142	7085403	US	METHOD FOR ALIGNING AND MATCHING FINGERPRINT IMAGES	25.06.2002
32810	Technologies	2450844	2450844	CA	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	60202605,9	DE	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	1395892	ES	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	20011278	114416	FI	SEAMLESS TERMINAL SW SECURITY	15.06.2001
32810	Technologies	02743287.1	1395892	FR	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	1395892	GB	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	5,02006E+14	IT	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	2003-7016192	10-657532	KR	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02815783.4	ZL02815783.4	CN	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	10/173569	7506381	US	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32869	Technologies	10/140599	7103841	US	USING 3D SOUND TO EXPAND THE DESKTOP	07.05.2002
32894	Technologies	10/246344	6784834	US	GPS RANGE FITTING	17.09.2002
33004	Technologies	02826651.X	ZL02826651.X	CN	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	17.10.2002
33004	Technologies	02802339.8	60242585,9	DE	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	17.10.2002
33004	Technologies	2004-7006433	959569	KR	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	17.10.2002
33004	Technologies	10/005766	7702293	US	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	02.11.2001
33004	Technologies	12/380092	8965304	US	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	23.02.2009
33018	Technologies	09/929023	7016708	US	PORTABLE HANDSFREE DEVICE WITH MOUNTING STRAP AND CLIP MODULE	15.08.2001
33122	Technologies	02396133.7	60221948,5	DE	A HIGH-SPEED DEVICE FOR COMPUTING THE SUM OF ABSOLUTE DIFFERENCES BETWEEN TWO BLOCKS OF DATA FOR MOTION ESTIMATION IN VIDEO CODING	06.09.2002
33122	Technologies	02396133.7	1313323	FR	A HIGH-SPEED DEVICE FOR COMPUTING THE SUM OF ABSOLUTE DIFFERENCES BETWEEN TWO BLOCKS OF DATA FOR MOTION ESTIMATION IN VIDEO CODING	06.09.2002
33122	Technologies	02396133.7	1313323	GB	A HIGH-SPEED DEVICE FOR COMPUTING THE SUM OF ABSOLUTE DIFFERENCES BETWEEN TWO BLOCKS OF DATA FOR MOTION ESTIMATION IN VIDEO CODING	06.09.2002
33122	Technologies	10/232924	7236523	US	A HIGH-SPEED DEVICE FOR COMPUTING THE SUM OF ABSOLUTE DIFFERENCES BETWEEN TWO BLOCKS OF DATA FOR MOTION ESTIMATION IN VIDEO CODING	30.08.2002
33198	Technologies	09/954619	7039437	US	INTERNAL ACTIVE RADIO BROADCAST RECEIVER ANTENNA FOR MOBILEPHONE	17.09.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
33228	Technologies	10/012061	6771211	US	DOPPLER POSITIONING IN TIME RECOVERY	13.11.2001
33278	Technologies	03802434.9	ZL03802434.9	CN	ZOOM PAD	17.01.2003
33278	Technologies	03700123.7		EP	ZOOM PAD	17.01.2003
33278	Technologies	2004-7011014	919179	KR	ZOOM PAD	17.01.2003
33278	Technologies	10/501895	7336263	US	ZOOM PAD	17.01.2003
33281	Technologies	10/037734	6850226	US	PHONE WITH SLIDABLE AND (OPTIONAL) TURNABLE DISPLAY	09.11.2001
33285	Technologies	10/172796	6946677	US	PRINTING OF ORGANIC CIRCUIT ONTO SUBSTRATES PRE-PATTERNED BYINJECTION MOLDING	14.06.2002
33309	Technologies	02255735.9	60231583,2	DE	IMPROVED BACK KEY ON WAP BROWSER.	16.08.2002
33309	Technologies	02255735.9	1289230	FR	IMPROVED BACK KEY ON WAP BROWSER.	16.08.2002
33309	Technologies	02255735.9	1289230	GB	IMPROVED BACK KEY ON WAP BROWSER.	16.08.2002
33309	Technologies	09/941857	7469153	US	IMPROVED BACK KEY ON WAP BROWSER.	31.08.2001
33315	Technologies	10/084981	7940218	US	BLUETOOTH ANTENNA	01.03.2002
33315	Technologies	11/428081	7439919	US	BLUETOOTH ANTENNA	30.06.2006
33346	Technologies	10/029972	7395041	US	OTA PUSH OF RADIO STATION SETTINGS	31.12.2001
33359	Technologies	09/993513	7149550	US	WORD COMPLETION	27.11.2001
33416	Technologies	10/096491	7373120	US	LIGHT COMPOSER FOR MOBILE PHONES	13.03.2002
33416	Technologies	11/951215	7768419	US	LIGHT COMPOSER FOR MOBILE PHONES	05.12.2007
33623	Technologies	10/060385	7512399	US	MULTI-FUNCTION SEND KEY PRESS	01.02.2002
33623	Technologies	0102680.6	2371948	GB	MULTI-FUNCTION SEND KEY PRESS	02.02.2001
33623	Technologies	07075037.7		EP	MULTI-FUNCTION SEND KEY PRESS	15.01.2007
33627	Technologies	10/157146	6918833	US	ATTRIBUTE SYSTEM FOR GAMES	30.05.2002
33647	Technologies	02254296.3	60216670,5	DE	HIGH PAG ANTENNA	20.06.2002
33647	Technologies	02254296.3	1271690	FR	HIGH PAG ANTENNA	20.06.2002
33647	Technologies	02254296.3	1271690	GB	HIGH PAG ANTENNA	20.06.2002
33647	Technologies	10/180122	7061430	US	HIGH PAG ANTENNA	27.06.2002
33660	Technologies	09/867455	6757687	US	PROGRESSIVE ARCHIVING	31.05.2001
33718	Technologies	10/020195	6618020	US	QUARTER WAVELENGTH SLOT ANTENNA	18.12.2001
33718	Technologies	10/498577	7327324	US	QUARTER WAVELENGTH SLOT ANTENNA	16.12.2002
33813	Technologies	0330052.2	2409582	GB	Antenna with ground plane resonator	24.12.2003
33813	Technologies	11/019412	7339528	US	Antenna with ground plane resonator	21.12.2004
33813	Technologies	12/004991	7439916	US	Antenna with ground plane resonator	21.12.2007
33892	Technologies	10/584001	7966698	US	modular hinge concept for mobile phones	21.12.2004
33936	Technologies	200480037845.2	2,0048E+11	CN	Video Phone Configuration	30.06.2004
33936	Technologies	04743847.8	6,02004E+11	DE	Video Phone Configuration	30.06.2004
33936	Technologies	04743847.8	1698154	GB	Video Phone Configuration	30.06.2004

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33936	Technologies	04743847.8	5,02011E+14	IT	Video Phone Configuration	30.06.2004
33936	Technologies	10/584496	7978263	US	Video Phone Configuration	30.06.2004
33950	Technologies	200480043780.2	2,0048E+11	CN	Enhancement DDR NOR Gate interface	30.06.2004
33950	Technologies	11/630418	7917669	US	Enhancement DDR NOR Gate interface	30.06.2004
33960	Technologies	11/660123	7904058	US	AudioCalEn - Mehtod for hands-free calendar entries using speaker independent audio output	22.10.2004
33997	Technologies	11/793574	8238411	US	GPS - ADVANCED ACQUISITION METHOD	21.12.2004
34135	Technologies	02011992.1	1274086	GB	JUMP TO TIME POSITION IN MPEG2 RECORDING	30.05.2002
34135	Technologies	02011992.1	1274086	FR	JUMP TO TIME POSITION IN MPEG2 RECORDING	30.05.2002
34135	Technologies	02011992.1	60224135,9	DE	JUMP TO TIME POSITION IN MPEG2 RECORDING	30.05.2002
34135	Technologies	09/893132	7106944	US	JUMP TO TIME POSITION IN MPEG2 RECORDING	27.06.2001
34174	Technologies	03100497.1	60329730,7	DE	EFFECTIVE IMPLEMENTATION OF DYNAMIC VIEWING FOR DVR	28.02.2003
34176	Technologies	03100498.9	60331379,5	DE	SECOND SOLUTION FOR RECORDING FROM A DVR DYNAMIC VIEW BUFFER	28.02.2003
34176	Technologies	03100498.9	1343166	NL	SECOND SOLUTION FOR RECORDING FROM A DVR DYNAMIC VIEW BUFFER	28.02.2003
34559	Technologies	10/407931	7444132	US	DYNAMIC FILTERING FOR PILOT STRENGTH ESTIMATION AND DETECTION	04.04.2003
34619	Technologies	10/625447	7676802	US	APPLICATION/CONTENT DOWNLOAD, AGNOSTIC TO THE DOWNLOAD MECHANISM	23.07.2003
34619	Technologies	12/691479	8127285	US	APPLICATION/CONTENT DOWNLOAD, AGNOSTIC TO THE DOWNLOAD MECHANISM	21.01.2010
34731	Technologies	10/588670	7495619	US	ACTIVE STUB/PARASITIC WHIP ANTENNA	18.02.2005
34771	Technologies	200480041166.2	2,0048E+11	CN	PIVOTING MOBILE TRANSCEIVER	09.12.2004
34771	Technologies	04813680.8	6,02004E+11	DE	PIVOTING MOBILE TRANSCEIVER	09.12.2004
34771	Technologies	2006-7014813	802635	KR	PIVOTING MOBILE TRANSCEIVER	09.12.2004
34771	Technologies	12/346427	RE44286	US	PIVOTING MOBILE TRANSCEIVER	30.12.2008
35088	Technologies	10/373437	7069021	US	GPS DOPPLER POSITIONING WITH NONLINEAR LEAST SQUARES	25.02.2003
35232	Technologies	10/023438	7151920	US	PICTURE EDITOR PERMISSION TAG	18.12.2001
35288	Technologies	2005-7007387	1011216	KR	CONCEPT:EXCHANGE OF PERSONAL ENVIRONMENT USING SYNCML	28.10.2003
35288	Technologies	10/695521	8073432	US	CONCEPT:EXCHANGE OF PERSONAL ENVIRONMENT USING SYNCML	28.10.2003
35289	Technologies	03802748.8	ZL03802748.8	CN	OPTIMAL TUNING CIRCUITS FOR FREQUENCY-TUNABLE ANTENNAS	24.01.2003
35289	Technologies	2004-7011556	967851	KR	OPTIMAL TUNING CIRCUITS FOR FREQUENCY-TUNABLE ANTENNAS	24.01.2003
35289	Technologies	10/058823	6650295	US	OPTIMAL TUNING CIRCUITS FOR FREQUENCY-TUNABLE ANTENNAS	28.01.2002
35387	Technologies	10/087465	7158176	US	USING VALUE PRIORIZATION OF DATA FILES TO MINIMIZE MEMORY SIZE AND OPTIMIZE MEMORY USAGE IN WIRELESS MOBILE TERMINALS	01.03.2002
35430	Technologies	03807913.5	ZL03807913.5	CN	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	31.03.2003
35430	Technologies	03745861.9	60325570,1	DE	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	31.03.2003
35430	Technologies	2004-7015958	966518	KR	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	31.03.2003
35430	Technologies	10/118657	6751470	US	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	08.04.2002
35496	Technologies	200380108337.4	2,0038E+11	CN	A FAMILY OF MULTIFUNCTIONAL ARCHITECTURES FOR VIDEO AND IMAGE PROCESSING (MAVIPs) BASED ON HIGH-RADIX MULTIPLIER STRUCTURES #2	05.11.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
35496	Technologies	03810471.7	60318494,4	DE	A FAMILY OF MULTIFUNCTIONAL ARCHITECTURES FOR VIDEO AND IMAGE PROCESSING (MAVIPs) BASED ON HIGH-RADIX MULTIPLIER STRUCTURES #2	05.11.2003
35497	Technologies	200404802.1	106276	SG	EXPRESSION ACCESSORY (AMULET CONCEPT)	28.03.2003
35499	Technologies	02720355.3	60227198,3	DE	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35499	Technologies	02828761.4	2828761,4	CN	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35499	Technologies	2004-7016433	873711	KR	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35499	Technologies	10/411074	7308642	US	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	09.04.2003
35499	Technologies	02720355.3	1495610	GB	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35601	Technologies	10/440430	6865478	US	FAST GLOBAL GPS RANGE FITTING	16.05.2003
35602	Technologies	03810824.0	3810824	CN	METHOD FOR MINIMIZING POWER CONSUMPTION OF A HAND-HELD PRODUCT INCORPORATING A ROTATING DISK AND A WIRELESS INTERFACE	15.04.2003
35602	Technologies	02010142.4	1365400	NL	METHOD FOR MINIMIZING POWER CONSUMPTION OF A HAND-HELD PRODUCT INCORPORATING A ROTATING DISK AND A WIRELESS INTERFACE	13.05.2002
35602	Technologies	10/514085	7262929	US	METHOD FOR MINIMIZING POWER CONSUMPTION OF A HAND-HELD PRODUCT INCORPORATING A ROTATING DISK AND A WIRELESS INTERFACE	15.04.2003
35602	Technologies	02010142.4	60220991,9	DE	METHOD FOR MINIMIZING POWER CONSUMPTION OF A HAND-HELD PRODUCT INCORPORATING A ROTATING DISK AND A WIRELESS INTERFACE	13.05.2002
35686	Technologies	10/727113	7218939	US	SEARCHING WINDOW FOR LOCATION SERVICES	02.12.2003
35855	Technologies	10/218020	6968175	US	MECHANISM FOR SHARING TRANSMISSION REVENUE BETWEEN MOBILE OPERATOR AND CONTENT PROVIDERS	13.08.2002
35857	Technologies	10/747779	7302529	US	SYMMETRIC NVRAM CACHE FOR WIRELESS CONNECTION OF TWO MODULES	29.12.2003
35923	Technologies	10/703161	7536430	US	A FAMILY OF MULTIFUNCTIONAL ARCHITECTURES FOR VIDEO AND IMAGE PROCESSING (MAVIPs) BASED ON HIGH-RADIX MULTIPLIER STRUCTURES #3	06.11.2003
35936	Technologies	10/699357	7092742	US	GRAPHIC BALANCE AMOUNT INDICATOR FOR PREPAID SERVICE	30.10.2003
35968	Technologies	10/390548	7724705	US	TOUCH-INITIATED WIRELESS DATA TRANSFER MECHANISM	14.03.2003
35968	Technologies	10/557218	8165523	US	TOUCH-INITIATED WIRELESS DATA TRANSFER MECHANISM	04.03.2004
35992	Technologies	10/278048	6813143	US	FOLDABLE DISPLAY FOR QWERTY ACCESS	21.10.2002
36054	Technologies	2006-7015447	830572	KR	GPS- FUNCTION IN USER CHANGEABLE COVER CONSTRUCTED MOBILE DEVICE. EXAMPLE: MOBILE PHONE	25.01.2005
36054	Technologies	10/769466	7305260	US	GPS- FUNCTION IN USER CHANGEABLE COVER CONSTRUCTED MOBILE DEVICE. EXAMPLE: MOBILE PHONE	30.01.2004
36106	Technologies	04704626.3	6,02004E+11	DE	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	04704626.3	1590997	FR	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	04704626.3	1590997	GB	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	04704626.3	1590997	NL	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	200410003812.8	2,0041E+11	CN	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	06.02.2004
36106	Technologies	2004-7519	1059912	KR	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	05.02.2004
36106	Technologies	10/361804	6965072	US	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	07.02.2003
36248	Technologies	200480010178.9	2,0048E+11	CN	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36248	Technologies	2005-7019683	737432	KR	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36248	Technologies	06112479.9	1091937	HK	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	13.11.2006

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36248	Technologies	10/420546	6956591	US	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	17.04.2003
36248	Technologies	04726880.0	6,02004E+11	DE	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36248	Technologies	04726880.0	1614098	GB	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36248	Technologies	04726880.0	1614098	ES	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36248	Technologies	04726880.0	1614098	PL	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36248	Technologies	04726880.0	1614098	NL	SMOOTH SCROLLING WITH HIGHLIGHTED NAVIGATION	12.04.2004
36256	Technologies	10/834394	7313276	US	CYBERVIEW MULTI-USER REALITY GAME	28.04.2003
36372	Technologies	10/422352	7418485	US	WEB SERVICES PSEUDONYMITY PROXY	24.04.2003
36416	Technologies	2005-508381	4295280	JP	METHOD FOR DUAL POINT USER INPUT WITH RESISTIVE TOUCH PAD SENSORS	29.08.2003
36416	Technologies	2006-7003836	859882	KR	METHOD FOR DUAL POINT USER INPUT WITH RESISTIVE TOUCH PAD SENSORS	29.08.2003
36416	Technologies	03826970.8	3826970,8	CN	METHOD FOR DUAL POINT USER INPUT WITH RESISTIVE TOUCH PAD SENSORS	29.08.2003
36644	Technologies	10/875981	7684834	US	BATTERY ASSISTANT FEATURE FOR WIRELESS PORTABLE DEVICES	24.06.2004
36918	Technologies	10/646410	6954360	US	THERMALLY ENCHANCED COMPONENT SUBSTRATE: THERMAL BAR	22.08.2003
36922	Technologies	04805201.3		EP	PRINTABLE TOUCH PAD	29.12.2004
36922	Technologies	10/749062	7295189	US	PRINTABLE TOUCH PAD	29.12.2003
36998	Technologies	10/938418	7301498	US	CLOSED-FORM POSITIONING ALGORITHM FOR HYBRID CELLULAR/GPS POSITIONING	10.09.2004
37044	Technologies	10/335543	6985856	US	A COMPRESSED DOMAIN ERROR CONCEALMENT METHOD	31.12.2002
37103	Technologies	10/866841	7884824	US	Clairvoyant Selection Element	14.06.2004
37134	Technologies	10/449866	7142894	US	A system for voice level detection during phone calls in socially sensitive environment	30.05.2003
37146	Technologies	10/414462	7006110	US	A low-cost hardware algorithm for triangle edge antialiasing	15.04.2003
37152	Technologies	10/557451	7542214	US	COMPACT SWITCHABLE WIDE - TELE OBJECTIVE FOR CAMERA	17.06.2004
37186	Technologies	04791165.6	6,02004E+11	DE	SYSTEM TO PROVIDE POWER SAVING MODE IN OPTICAL DATA TRANSMISSIONS	06.10.2004
37186	Technologies	10/564205	7636523	US	SYSTEM TO PROVIDE POWER SAVING MODE IN OPTICAL DATA TRANSMISSIONS	06.10.2004
37202	Technologies	10/624166	8068815	US	Contact Attempts	21.07.2003
37298	Technologies	93130053	I257604	TW	Efficient Technique for Pitch Contour Quantization	05.10.2004
37298	Technologies	12/150307	8380496	US	Efficient Technique for Pitch Contour Quantization	25.04.2008
37306	Technologies	10/757983	7099708	US	INTEGRATED ROTATION/ LINEAR MOVEMENT IN FOLD PHONE	14.01.2004
37445	Technologies	10/888534	7728844	US	RESTORATION OF RAW COLOR COMPONENTS IN THE IMAGE RECONSTRUCTION CHAIN	09.07.2004
37456	Technologies	12/084513	8951191	US	MAGNETICALLY MODULATED SIGNAL RECEIVER ARRANGEMENT	04.11.2005
37456	Technologies	200580051630.0	2,0058E+11	CN	MAGNETICALLY MODULATED SIGNAL RECEIVER ARRANGEMENT	04.11.2005
37495	Technologies	10/913024	9143380	US	3RD-PARTY SPECIFIED CONTENT GENERATION FOR WEBSERVERS ON MOBILE DEVICES	06.08.2004
37520	Technologies	11/305695	8005249	US	Ear Canal Exciter	16.12.2005
37616	Technologies	11/140377	9566522	US	PHOTO GAME MAP GENERATOR	27.05.2005
37764	Technologies	06744910.8	6,02006E+11	DE	INFORMATION HIDING NON-INTERACTIVE PROOFS OF WORK	11.05.2006
37764	Technologies	11/237881	8132005	US	INFORMATION HIDING NON-INTERACTIVE PROOFS OF WORK	29.09.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
37764	Technologies	2008-7002935	956482	KR	INFORMATION HIDING NON-INTERACTIVE PROOFS OF WORK	11.05.2006
37764	Technologies	200680030520.0	2,0068E+11	CN	INFORMATION HIDING NON-INTERACTIVE PROOFS OF WORK	11.05.2006
39089	Technologies	200480010649.6	ZL 200480010649.6	CN	CARD RELATING METHOD FOR MOBILE TERMINAL	08.03.2004
39089	Technologies	2005-503162	4504919	JP	CARD RELATING METHOD FOR MOBILE TERMINAL	08.03.2004
39089	Technologies	04718443.7	1603073	NL	CARD RELATING METHOD FOR MOBILE TERMINAL	08.03.2004
39089	Technologies	11/221214	7238033	US	CARD RELATING METHOD FOR MOBILE TERMINAL	08.03.2004
39174	Technologies	10/748100	7142231	US	Method for Improved Multitasking on Handsets	29.12.2003
39212	Technologies	11/339095	7543127	US	Privilege level aware CPU cache for mobile use	24.01.2006
39224	Technologies	04743815.5	6,02004E+11	DE	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	PI0411962.2		BR	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	04743815.5	1642447	GB	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	2530669	2530669	CA	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	200480021583.0	2,0048E+11	CN	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	7025013/2005	793399	KR	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	10/562566	9344133	US	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	15/131587		US	SERVICE CONTACT CARDS	18.04.2016
39224	Technologies	15/131550		US	SERVICE CONTACT CARDS	18.04.2016
39893	Technologies	200480014436.0	2,0048E+11	CN	AUTOMATIC QUOTA BALANCING	19.04.2004
39893	Technologies	04728191.0	6,02004E+11	DE	AUTOMATIC QUOTA BALANCING	19.04.2004
39893	Technologies	06113760.5	1093129	HK	AUTOMATIC QUOTA BALANCING	14.12.2006
39893	Technologies	10/617751		US	AUTOMATIC QUOTA BALANCING	14.07.2003
40098	Technologies	200480037181.X	200480037181.X	CN	ADAPTIVE PROTECTION AGAINST THE 'OVERBILLING ATTACK'	15.11.2004
40098	Technologies	04798852.2	6,02004E+11	DE	ADAPTIVE PROTECTION AGAINST THE 'OVERBILLING ATTACK'	15.11.2004
40098	Technologies	2006-544569	4286870	JP	ADAPTIVE PROTECTION AGAINST THE 'OVERBILLING ATTACK'	15.11.2004
40098	Technologies	10/790726	7590742	US	ADAPTIVE PROTECTION AGAINST THE 'OVERBILLING ATTACK'	03.03.2004
40127	Technologies	200480034119.5		CN	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	10/822874	7372840	US	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	13.04.2004
40127	Technologies	04798959.5	1687958	GB	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	1687958	ES	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	1687958	PL	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	1687958	NL	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	6,02004E+11	DE	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40581	Technologies	08102200.4	1108192	HK	SLIDING TAB	27.02.2008
40581	Technologies	05717312.2	6,02005E+11	DE	SLIDING TAB	03.03.2005
40581	Technologies	11/885531	8281252	US	SLIDING TAB	03.03.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
40691	Technologies	200680004610.2	2,0068E+11	CN	L2TP TUNNEL SEQUENCE NUMBER RECOVERY FOR REDUNDANT TUNNELS	10.02.2006
40691	Technologies	11/099540	7512061	US	L2TP TUNNEL SEQUENCE NUMBER RECOVERY FOR REDUNDANT TUNNELS	06.04.2005
40691	Technologies	06708903.7	6,02006E+11	DE	L2TP TUNNEL SEQUENCE NUMBER RECOVERY FOR REDUNDANT TUNNELS	10.02.2006
40787	Technologies	200680018851.2	2,0068E+11	CN	DUAL-LAYER ANTENNA WITH REMOVED GROUND PLANE UNDERNEATH FOR CLAMSHELL AND SLIDE PHONES	06.04.2006
40787	Technologies	11/115890	7183983	US	DUAL-LAYER ANTENNA WITH REMOVED GROUND PLANE UNDERNEATH FOR CLAMSHELL AND SLIDE PHONES	26.04.2005
40894	Technologies	11/172049	7668932	US	METHOD FOR ENABLING PRE-DOWNLOAD OF MEDIA OBJECT USE CASE	30.06.2005
40894	Technologies	200680008917.X	200680008917.X	CN	METHOD FOR ENABLING PRE-DOWNLOAD OF MEDIA OBJECT USE CASE	22.06.2006
40894	Technologies	2007-7019042	954346	KR	METHOD FOR ENABLING PRE-DOWNLOAD OF MEDIA OBJECT USE CASE	22.06.2006
41020	Technologies	06765605.8		EP	USING QUARANTINE NETWORK TO PROTECT CELLULAR NETWORK FROM VIRUSES AND WORMS	29.06.2006
41020	Technologies	11/173861	9705911	US	USING QUARANTINE NETWORK TO PROTECT CELLULAR NETWORK FROM VIRUSES AND WORMS	30.06.2005
41039	Technologies	06701199.9		EP	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	95101674	I315844	TW	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	11/039058	7812786	US	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	18.01.2005
41039	Technologies	PI0606681.0		BR	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	2007121792	2409834	RU	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	08103275.2		HK	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	20.03.2008
41627	Technologies	96110343	I433027	TW	AUDIO CONTROLLED GUI	26.03.2007
41627	Technologies	12/227313		US	AUDIO CONTROLLED GUI	12.05.2006
41627	Technologies	2650612	2650612	CA	AUDIO CONTROLLED GUI	12.05.2006
41650	Technologies	200680054080.2	2,0068E+11	CN	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41650	Technologies	06765430.1	2013691	EP	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41650	Technologies	09109604.0	1130101	HK	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	16.10.2009
41650	Technologies	96109088	I341484	TW	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	16.03.2007
41650	Technologies	12/456847	8330715	US	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	22.06.2009
41650	Technologies	06765430.1	2013691	DE	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41650	Technologies	06765430.1	2013691	GB	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41834	Technologies	200610108907.5	2,0061E+11	CN	STROKE PHRASAL INPUT KEYMAPPING	28.07.2006
41834	Technologies	08108301.9	1112770	HK	STROKE PHRASAL INPUT KEYMAPPING	28.07.2008
41834	Technologies	95127772	I331292	TW	STROKE PHRASAL INPUT KEYMAPPING	28.07.2006
42022	Technologies	03825949.4	3825949,4	CN	SEAMLESS UI LINKS	10.02.2003
42022	Technologies	2005-7012993	711631	KR	SEAMLESS UI LINKS	10.02.2003
42022	Technologies	10/544594	8615546	US	SEAMLESS UI LINKS	10.02.2003
42022	Technologies	06109315.3	1089020	HK	SEAMLESS UI LINKS	22.08.2006
42042	Technologies	03804933.3	3804933,3	CN	MUSIC PLAYER ON KEYPAD	12.02.2003
42042	Technologies	05110002.0	1078208	HK	MUSIC PLAYER ON KEYPAD	09.11.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
42042	Technologies	03706772.5	60325026,2	DE	MUSIC PLAYER ON KEYPAD	12.02.2003
42043	Technologies	10/321549	7302279	US	MULTIPLE WAY NAVIGATION KEY SCROLLING	18.12.2002
42437	Technologies	05821663.1	6,02005E+11	DE	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	11/023129	7881708	US	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	27.12.2004
42437	Technologies	05821663.1	1832096	DK	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	200580044911.3	2,0058E+11	CN	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	FR	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	2007-7017199	925759	KR	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	GB	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	HU	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	IE	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	2839/CHENP/2007	269176	IN	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	NL	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	RO	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	12191318.0	6,02005E+11	DE	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	05.11.2012
42437	Technologies	12191318.0	2557765	GB	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	05.11.2012
42437	Technologies	12191318.0	2557765	NL	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	05.11.2012
42705	Technologies	10/511771	7551888	US	A METHOD FOR INTERACTIVE CONTENT VIEWING UTILIZING FLOW MODE AND BROWSING MODE	14.04.2003
42706	Technologies	03809008.2	3809008,2	CN	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42706	Technologies	10/511797		US	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42706	Technologies	03712200.9	60329091,4	DE	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42706	Technologies	03712200.9	1497994	GB	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42724	Technologies	03748433.4	60343887,3	DE	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	03748433.4	1670557	FR	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	03748433.4	1670557	GB	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	03748433.4	1670557	NL	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	200380110506.8	2,0038E+11	CN	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	13/358490	8616980	US	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	25.01.2012
42724	Technologies	10/574876	8128501	US	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	2006-7006820	838764	KR	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42766	Technologies	10/592739	8225014	US	FLEXIBLE CONTENT SIZES FOR RFID TAG / RFID TAG EMULATION	17.03.2004
42774	Technologies	2005-7013753	757975	KR	MOBILE DRIVEN GAME	10.07.2004
42774	Technologies	14187597.1	2837416	GB	MOBILE DRIVEN GAME	03.10.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
42774	Technologies	10/568296	8926437	US	MOBILE DRIVEN GAME	10.07.2004
42774	Technologies	14187597.1	2837416	DE	MOBILE DRIVEN GAME	03.10.2014
42774	Technologies	14187597.1	2837416	EP	MOBILE DRIVEN GAME	03.10.2014
42777	Technologies	04744157.1	6,02004E+11	DE	SERIOUS GAMING	10.07.2004
42797	Technologies	10/599001	7756552	US	MOBILE HOLDER FOR SEAMLESS CONCETIVITY AND SECURE HOLDING FOR MONOBLOCK PHONES WITHOUT FIXATION HOLES	12.05.2005
42821	Technologies	11/159084	8083586	US	MOBILE ONLINE CROSS GAMES ENVIRONMENT (ARENAVERSE)	22.06.2005
43003	Technologies	10/816382	6980556	US	Splitted Proxy with Media	01.04.2004
43006	Technologies	2006-7002727	701162	KR	A streamlined data flow for multi- layerd protocol stack	15.08.2003
43006	Technologies	10/917840	7558204	US	A streamlined data flow for multi- layerd protocol stack	13.08.2004
43006	Technologies	03826915.5	3826915,5	CN	A streamlined data flow for multi- layerd protocol stack	15.08.2003
43006	Technologies	03818091.5	60324337,1	DE	A streamlined data flow for multi- layerd protocol stack	15.08.2003
43006	Technologies	03818091.5	1654899	FR	A streamlined data flow for multi- layerd protocol stack	15.08.2003
43006	Technologies	07100265.1	1093277	HK	A streamlined data flow for multi- layerd protocol stack	08.01.2007
43178	Technologies	200580008777.1	2,0058E+11	CN	SECURE MODE CONTROLLED MEMORY	03.03.2005
43178	Technologies	05708671.2		EP	SECURE MODE CONTROLLED MEMORY	03.03.2005
43178	Technologies	2006-7019183	851631	KR	SECURE MODE CONTROLLED MEMORY	03.03.2005
43178	Technologies	10/804855	7500098	US	SECURE MODE CONTROLLED MEMORY	19.03.2004
43315	Technologies	2005-22131	711136	KR	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	17.03.2005
43315	Technologies	200510055911.5	2,0051E+11	CN	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	18.03.2005
43315	Technologies	05397007.5	1577769	GB	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	04.03.2005
43315	Technologies	05397007.5	1577769	NL	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	04.03.2005
43373	Technologies	PI0509565.4		BR	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	10/809165	8077653	US	IMPLICIT PAUSE AND IMPLICIT CONTINUE	25.03.2004
43373	Technologies	05717343.7	6,02005E+11	DE	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	05717343.7	1730979	FR	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	05717343.7	1730979	GB	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	05717343.7	1730979	NL	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43395	Technologies	11/140505	7271671	US	CRYSTAL USE FOR SEVERAL CHIPS	27.05.2005
43516	Technologies	10/830192	7623119	US	GRAPHICAL FUNCTIONS BY GESTURES	21.04.2004
43536	Technologies	10/977554	7844046	US	PHONE NUMBER CAN INCLUDE NON DIALABLE CHARACTERS	28.10.2004
43571	Technologies	200580003250.X	200580003250.X	CN	New usage for EGPRS PACKET UPLINK ACK/NACK	20.01.2005
43571	Technologies	07107120.1	1099616	HK	New usage for EGPRS PACKET UPLINK ACK/NACK	03.07.2007
43571	Technologies	2006-548328	4456608	JP	New usage for EGPRS PACKET UPLINK ACK/NACK	20.01.2005
43571	Technologies	11/045762	7457305	US	New usage for EGPRS PACKET UPLINK ACK/NACK	27.01.2005
43571	Technologies	05701764.2	6,02005E+11	DE	New usage for EGPRS PACKET UPLINK ACK/NACK	20.01.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
43656	Technologies	11/793901	8078719	US	REDIRECTION OF INSTANT MESSAGING	07.12.2005
43689	Technologies	05717350.2		EP	SECURE STORE WITH SIM	18.03.2005
43689	Technologies	11/091364	8161295	US	SECURE STORE WITH SIM	17.03.2005
43756	Technologies	200580017599.9	2,0058E+11	CN	TREFOIL PHONE CONCEPT	27.05.2005
43756	Technologies	2006-7025442	889882	KR	TREFOIL PHONE CONCEPT	27.05.2005
43771	Technologies	200580016862.2	2,0058E+11	CN	IMAGE ENHANCEMENT SYSTEM FOR VARIOUS SIZE IMAGES IN MOBILE PLATFORMS AND DISPLAYS	30.05.2005
43771	Technologies	05744430.9	6,02005E+11	DE	IMAGE ENHANCEMENT SYSTEM FOR VARIOUS SIZE IMAGES IN MOBILE PLATFORMS AND DISPLAYS	30.05.2005
43771	Technologies	05744430.9	1756770	GB	IMAGE ENHANCEMENT SYSTEM FOR VARIOUS SIZE IMAGES IN MOBILE PLATFORMS AND DISPLAYS	30.05.2005
43771	Technologies	11/579283	8947450	US	IMAGE ENHANCEMENT SYSTEM FOR VARIOUS SIZE IMAGES IN MOBILE PLATFORMS AND DISPLAYS	30.05.2005
43850	Technologies	10/965643	8095179	US	PROXY SMART CARD APPLICATIONS	14.10.2004
43850	Technologies	2009-7008386	1029568	KR	PROXY SMART CARD APPLICATIONS	23.04.2009
43874	Technologies	10/806704	7403769	US	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	23.03.2004
43874	Technologies	200580015575.X	200580015575.X	CN	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	15.03.2005
43874	Technologies	94108544	I340914	TW	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	21.03.2005
43874	Technologies	2009-067126	5080520	JP	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	18.03.2009
43874	Technologies	05708748.8		EP	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	15.03.2005
43874	Technologies	PI0509525.5		BR	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	15.03.2005
43874	Technologies	2561102	2561102	CA	SYSTEM AND METHOD FOR MUSIC SYNCHRONIZATION IN MOBILE TERMINALS	15.03.2005
43930	Technologies	05737532.1		EP	Music based presence indicator	04.05.2005
43930	Technologies	12/433326		US	Music based presence indicator	30.04.2009
44021	Technologies	05754701.0		EP	CACHING USED LIBERTY IDPS IN TERMINAL	24.06.2005
44021	Technologies	10/875974	8499153	US	CACHING USED LIBERTY IDPS IN TERMINAL	24.06.2004
44033	Technologies	2005209827	2005209827	AU	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	200580004241.2	2,0058E+11	CN	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	05708157.2	6,02005E+11	DE	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	20040179	116497	FI	Interworking optimization by selectively limiting control messaging	06.02.2004
44033	Technologies	05708157.2	1712063	FR	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	05708157.2	1712063	GB	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	4355/DELNP/2006		IN	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	2006-7015955	823705	KR	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	05708157.2	1712063	PL	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	10/587979	8451848	US	Interworking optimization by selectively limiting control messaging	04.02.2005
44049	Technologies	2005-54499	679555	KR	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	23.06.2005
44049	Technologies	10/884625	7821875	US	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	01.07.2004
44049	Technologies	05397013.3	1742121	FR	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	22.06.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
44049	Technologies	05397013.3	6,02005E+11	DE	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	22.06.2005
44062	Technologies	10/839725	7336937	US	A FAST AGC AND DC COMPENSATION METHOD AND CIRCUIT	05.05.2004
44085	Technologies	10/943499	7281630	US	BONNET ENHANCEMENT PACKAGE	17.09.2004
44133	Technologies	10/954402	7197184	US	Inserting ZhuYin symbols and tone marks into "e-chat" in Taiwan	30.09.2004
44133	Technologies	94133900	I305314	TW	Inserting ZhuYin symbols and tone marks into "e-chat" in Taiwan	29.09.2005
44139	Technologies	11/418795	7221965	US	Presenting the fixed sound set of the device in a multipage dialog (Communicator products)	05.05.2006
44139	Technologies	10/785425	7072694	US	Presenting the fixed sound set of the device in a multipage dialog (Communicator products)	23.02.2004
44143	Technologies	10/961419	7518955	US	THE CALENDAR AND THE ALARM CLOCK APPLICATIONS INTEROPERABILITY	08.10.2004
44156	Technologies	3897/DELNP/2006		IN	Timing of Quality of Experience Metrics	13.02.2004
44156	Technologies	2006-7016166	808981	KR	Timing of Quality of Experience Metrics	13.02.2004
44156	Technologies	200480041534.3	2,0048E+11	CN	Timing of Quality of Experience Metrics	13.02.2004
44156	Technologies	201110162001.2	2,0111E+11	CN	Timing of Quality of Experience Metrics	09.06.2011
44211	Technologies	05718219.8		EP	DUAL PORT DRAM	21.03.2005
44211	Technologies	10/828516	7562193	US	DUAL PORT DRAM	19.04.2004
44219	Technologies	11/146949	7417564	US	IMPROVEMENT TO THE MULTI-TAP TEXT INPUT METHOD BY USING A TOUCH SENSOR	07.06.2005
44228	Technologies	05749410.6	6,02005E+11	DE	DRIVING CIRCUIT FOR PIEZOELECTRIC MOTOR	07.06.2005
44228	Technologies	11/150833	7667372	US	DRIVING CIRCUIT FOR PIEZOELECTRIC MOTOR	10.06.2005
44360	Technologies	10/878302	7154442	US	BUILT-IN FM RADIO ANTENNA FOR MOBILE COMMUNICATION DEVICE	28.06.2004
44402	Technologies	10/833891	7236065	US	Integrated RF-front-end -adjustable antenna -system	28.04.2004
44431	Technologies	12/221336	8108832	US	MULTIPLE DEVICE NOTIFICATION SYNCHRONISATION	01.08.2008
44431	Technologies	11/029937	7475395	US	MULTIPLE DEVICE NOTIFICATION SYNCHRONISATION	04.01.2005
44459	Technologies	10/921072	7454461	US	A mobile information feeder hosting framework on the terminal	18.08.2004
44673	Technologies	200680001730.7	2,0068E+11	CN	MESSENGER "2 IN 1" SLIDE CONCEPT	02.01.2006
44673	Technologies	06700219.6		EP	MESSENGER "2 IN 1" SLIDE CONCEPT	02.01.2006
44673	Technologies	2007-548858	4638508	JP	MESSENGER "2 IN 1" SLIDE CONCEPT	02.01.2006
44673	Technologies	2009-7015836	996271	KR	MESSENGER "2 IN 1" SLIDE CONCEPT	28.07.2009
44673	Technologies	2007-7015146	1024012	KR	MESSENGER "2 IN 1" SLIDE CONCEPT	02.01.2006
44673	Technologies	11/028953	7671836	US	MESSENGER "2 IN 1" SLIDE CONCEPT	03.01.2005
44706	Technologies	11/010757	9420021	US	RECORDING MEDIA WITH VISUAL RADIO	13.12.2004
44706	Technologies	15/235941		US	RECORDING MEDIA WITH VISUAL RADIO	12.08.2016
44719	Technologies	11/025084	7899504	US	DISPLAY AREA WIDENING MECHANISM	29.12.2004
44761	Technologies	11/118664	7835469	US	DIGITAL CALIBRATION OF SKEW IN FAST DIGITAL BUSES	29.04.2005
44974	Technologies	11/267936	7340390	US	AUTOMATIC DETECTION OF PREDICTIVE TEXT INPUT LANGUAGE IN MESSAGE CREATION WHEN PHONEBOOK CONTACTS ARE ENHANCED WITH PREFERED LANGUAGE FIELD	04.11.2005
44974	Technologies	10/976093	7623860	US	AUTOMATIC DETECTION OF PREDICTIVE TEXT INPUT LANGUAGE IN MESSAGE CREATION WHEN PHONEBOOK CONTACTS ARE ENHANCED WITH PREFERED LANGUAGE FIELD	27.10.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
44989	Technologies	200580034339.2	2,0058E+11	CN	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	19.08.2005
44989	Technologies	20077006244	875213	KR	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	19.08.2005
44989	Technologies	11/179811	7330156	US	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	11.07.2005
44989	Technologies	05775962.3	6,02005E+11	DE	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	19.08.2005
45012	Technologies	10/804263	7660583	US	ADVANCED HO IN PHASE SHIFTED AND TIME SLICED NETWORK	19.03.2004
45057	Technologies	02744439.7	60229951,9	DE	SYSTEM AND METHOD FOR CONVERTING AN ATTACHEMENT IN AN E-MAILFOR DELIVERY TO A DEVICE OF LIMITED RENDERING CAPABILITY	18.06.2002
45057	Technologies	02744439.7	1412867	FR	SYSTEM AND METHOD FOR CONVERTING AN ATTACHEMENT IN AN E-MAILFOR DELIVERY TO A DEVICE OF LIMITED RENDERING CAPABILITY	18.06.2002
45087	Technologies	200580022261.2	2,0058E+11	CN	A VIRTUAL BROADCAST NETWORK FOR INTER-DOMAIN COMMUNICATIONS	16.06.2005
45087	Technologies	05756714.1		EP	A VIRTUAL BROADCAST NETWORK FOR INTER-DOMAIN COMMUNICATIONS	16.06.2005
45087	Technologies	10/881858	7296092	US	A VIRTUAL BROADCAST NETWORK FOR INTER-DOMAIN COMMUNICATIONS	30.06.2004
45173	Technologies	10/844194	7493082	US	MOBILE TERMINAL SERVICE DISCOVERY WITH RFID	12.05.2004
45217	Technologies	10/838217	7890116	US	ADAPTIVE BEACON PERIOD IN DISTRIBUTED NETWORK	05.05.2004
45217C	Technologies	10/847876	7496081	US	ADAPTIVE BEACON PERIOD IN DISTRIBUTED NETWORK	19.05.2004
45452	Technologies	200680027123.8	2,0068E+11	CN	OPTIMIZING PLAYBACK STARTUP TIME OF BURSTY REAL-TIME STREAMS	04.05.2006
45452	Technologies	06744707.8	6,02006E+11	DE	OPTIMIZING PLAYBACK STARTUP TIME OF BURSTY REAL-TIME STREAMS	04.05.2006
45452	Technologies	06744707.8	1897290	GB	OPTIMIZING PLAYBACK STARTUP TIME OF BURSTY REAL-TIME STREAMS	04.05.2006
45452	Technologies	06744707.8	1897290	NL	OPTIMIZING PLAYBACK STARTUP TIME OF BURSTY REAL-TIME STREAMS	04.05.2006
45452	Technologies	11/167287	7613112	US	OPTIMIZING PLAYBACK STARTUP TIME OF BURSTY REAL-TIME STREAMS	28.06.2005
45459	Technologies	11/067764	7697894	US	METHOD AND SYSTEM FOR TACTILE CONFIRMATION OF SERVICE BOOKMARKS	01.03.2005
45459	Technologies	06710390.3		EP	METHOD AND SYSTEM FOR TACTILE CONFIRMATION OF SERVICE BOOKMARKS	16.02.2006
45469	Technologies	06727308.6		EP	MEDIA CHARGER SERVICE AFTER MS COMPONENT SWAP	01.03.2006
45469	Technologies	11/097376	7512401	US	MEDIA CHARGER SERVICE AFTER MS COMPONENT SWAP	04.04.2005
45598	Technologies	11/271887	7412224	US	PORTABLE LOCAL SERVER WITH CONTEXT SENSING	14.11.2005
45618	Technologies	11/246216	8010621	US	OFFLINE WEB PAGE ACTIVATED BY READING A TAG	11.10.2005
45618	Technologies	13/189823	8650264	US	OFFLINE WEB PAGE ACTIVATED BY READING A TAG	25.07.2011
45631	Technologies	12/094867	8519847	US	FREQUENCY- AND TIME-ALIGNED RFID READER ACTIVITY IN A MOBILE TERMINAL	24.11.2005
45638	Technologies	11/275470	7797740	US	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	06.01.2006
45638	Technologies	2008-549077	4956553	JP	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	03.01.2007
45638	Technologies	07700004.0		EP	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	03.01.2007
45638	Technologies	5862/DELNP/2008		IN	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	03.01.2007
46031	Technologies	05770923.0	1779688	EP	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005
46031	Technologies	11/190663	7764981	US	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	27.07.2005
46031	Technologies	05770923.0	1779688	GB	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
46031	Technologies	05770923.0	6,02005E+11	DE	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005
46031	Technologies	05770923.0	1779688	NL	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005
46062	Technologies	11/406449	7639883	US	JPEG IN-IMAGE COMPRESSION VARIATION	18.04.2006
46445	Technologies	11/405890	7612275	US	BEAT AND TATUM TRACKER	18.04.2006
46448	Technologies	11/781617	7669014	US	LOW-LATENCY MEMORY EFFICIENT MATRIX TRANSPOSE	23.07.2007
46459	Technologies	11/464645	7796830	US	ADAPTIVE CONTRAST OPTIMIZATION OF DIGITAL COLOR IMAGES	15.08.2006
46628	Technologies	11/992792	8199056	US	MIRROR ANTENNA	13.10.2005
47126	Technologies	11/169382	7263353	US	AUTOMATIC APPLICATION PROFILE AND POLICY CREATION	29.06.2005
47128	Technologies	1023/CHE/2006	275735	IN	A NEW THAI INPUT METHOD	13.06.2006
47128	Technologies	11/152825	7642932	US	A NEW THAI INPUT METHOD	14.06.2005
47194	Technologies	200680006769.8	2,0068E+11	CN	SEE WHAT YOU SEE (SWYS)	01.03.2006
47194	Technologies	11/071530	7796651	US	SEE WHAT YOU SEE (SWYS)	02.03.2005
47221	Technologies	11/073407	7636548	US	OPTIMISING FEATURES FOR LEAVING FLIGHT MODE / REGAINING NETWORK CONNECTION	04.03.2005
47221	Technologies	MX/a/2007/008872	276312	MX	OPTIMISING FEATURES FOR LEAVING FLIGHT MODE / REGAINING NETWORK CONNECTION	28.02.2006
47221	Technologies	2007-7020158	938824	KR	OPTIMISING FEATURES FOR LEAVING FLIGHT MODE / REGAINING NETWORK CONNECTION	28.02.2006
47221	Technologies	200680003825.2	2,0068E+11	CN	OPTIMISING FEATURES FOR LEAVING FLIGHT MODE / REGAINING NETWORK CONNECTION	28.02.2006
47230	Technologies	11/077190	7433716	US	STEREO/SURROUND AUDIO FOR IMPROVED GROUP CALL USABILITY	10.03.2005
47230	Technologies	06737825.7	6,02006E+11	DE	STEREO/SURROUND AUDIO FOR IMPROVED GROUP CALL USABILITY	10.03.2006
47519	Technologies	05773337.0	6,02005E+11	DE	AGGREGATION WITH POWER EFFICIENCY AND AGGREGATION ACROSS MULTI-RATE WLAN FRAMES	22.07.2005
47519	Technologies	11/120918	7983203	US	AGGREGATION WITH POWER EFFICIENCY AND AGGREGATION ACROSS MULTI-RATE WLAN FRAMES	03.05.2005
47549	Technologies	11/884625	7969503	US	Rotating Flash	18.02.2005
47549	Technologies	200580048493.5	2,0058E+11	CN	Rotating Flash	18.02.2005
47549	Technologies	2007-555716	4468995	JP	Rotating Flash	18.02.2005
47549	Technologies	05702529.8	6,02005E+11	DE	Rotating Flash	18.02.2005
47549	Technologies	05702529.8	1832107	NL	Rotating Flash	18.02.2005
47554	Technologies	11/101227	7495620	US	tri band (wide BW) + dual mode high isolation compact antenna	07.04.2005
47700	Technologies	200680032107.8	2,0068E+11	CN	WLAN - INFORMATION OF THE NEIGHBORING WLAN ACCESS POINT MEASUREMENT PACKETS TO THE STA	14.09.2006
47700	Technologies	06795494.1		EP	WLAN - INFORMATION OF THE NEIGHBORING WLAN ACCESS POINT MEASUREMENT PACKETS TO THE STA	14.09.2006
47700	Technologies	11/521063	8897788	US	WLAN - INFORMATION OF THE NEIGHBORING WLAN ACCESS POINT MEASUREMENT PACKETS TO THE STA	14.09.2006
47723	Technologies	11/385104	7554962	US	AP SELECTION MECHANISM TO EFFICIENTLY UTILIZE RADIO RESOURCE	20.03.2006
47775	Technologies	200780010534.0	2,0078E+11	CN	HEADSET WITH A HOOK	20.04.2007
47775	Technologies	07734361.4		EP	HEADSET WITH A HOOK	20.04.2007
47775	Technologies	11/411238	7542564	US	HEADSET WITH A HOOK	24.04.2006
48019	Technologies	11/147981	8135779	US	A WAY TO FILTER OUT SPAM MORE EFFICIENTLY	07.06.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
48027	Technologies	PI0520132.2		BR	DEFINED RINGING TONE SEGMENTS WITHIN AN AUDIO SOURCE	20.12.2005
48027	Technologies	MX/a/2007/010421	300242	MX	DEFINED RINGING TONE SEGMENTS WITHIN AN AUDIO SOURCE	20.12.2005
48027	Technologies	2007119308	2407211	RU	DEFINED RINGING TONE SEGMENTS WITHIN AN AUDIO SOURCE	20.12.2005
48027	Technologies	2007/7213	2007/7213	ZA	DEFINED RINGING TONE SEGMENTS WITHIN AN AUDIO SOURCE	20.12.2005
48031	Technologies	10/891271	7664176	US	ENTROPY CODING FOR SCALABLE VIDEO CODEC	14.07.2004
48038	Technologies	200580049302.7	2,0058E+11	CN	FLAT SLIDE CONCEPT	06.04.2005
48038	Technologies	05718363.4	6,02005E+11	DE	FLAT SLIDE CONCEPT	06.04.2005
48038	Technologies	05718363.4	1867143	NL	FLAT SLIDE CONCEPT	06.04.2005
48038	Technologies	11/910674	9203938	US	FLAT SLIDE CONCEPT	06.04.2005
48106	Technologies	10/957419	7957723	US	A Method and approach for sharing the information feed information on a mobile device	01.10.2004
48224	Technologies	05702486.1	6,02005E+11	DE	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	05702486.1	1847099	FR	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	05702486.1	1847099	GB	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	05702486.1	1847099	NL	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	11/795546	8285348	US	THREE POSITION SLIDE MECHANISM	11.02.2005
48263	Technologies	07788723.0	6,02007E+11	DE	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48263	Technologies	07788723.0	2041840	HU	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48263	Technologies	07788723.0	2041840	NL	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48263	Technologies	11/479651	7683839	US	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	30.06.2006
48263	Technologies	200780032374.X	200780032374.X	CN	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48449	Technologies	200680011665.6	2,0068E+11	CN	SLIDING & CLAMSHELL DUAL FUNCTION PHONE MECHANISM	11.04.2006
48449	Technologies	06725873.1	6,02006E+11	DE	SLIDING & CLAMSHELL DUAL FUNCTION PHONE MECHANISM	11.04.2006
48449	Technologies	2007-7025991	973217	KR	SLIDING & CLAMSHELL DUAL FUNCTION PHONE MECHANISM	11.04.2006
48449	Technologies	11/104762	7447528	US	SLIDING & CLAMSHELL DUAL FUNCTION PHONE MECHANISM	12.04.2005
48460	Technologies	11/388802	7760146	US	INTERNAL DVB-H ANTENNA FOR MOBILE TERMINALS	24.03.2006
48482	Technologies	11/026663	8583139	US	CONTEXT DIARY	31.12.2004
48482	Technologies	14/061379	9146973	US	CONTEXT DIARY	23.10.2013
48482	Technologies	05826040.7		EP	CONTEXT DIARY	22.12.2005
48574	Technologies	200610100154.3	2,0061E+11	CN	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	30.06.2006
48574	Technologies	06253458.1	6,02006E+11	DE	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	30.06.2006
48574	Technologies	06253458.1	1739885	PL	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	30.06.2006
48574	Technologies	11/208199	8140066	US	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	19.08.2005
48701	Technologies	11/219310	7512427	US	SMART PDA " SANDWICH "	02.09.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
48760	Technologies	11/154934		US	PIENIHEI:NEN LIUSKAJOHTORAKENNE	15.06.2005
48884	Technologies	7758/DELNP/2007		IN	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	95112756	I435334	TW	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	11.04.2006
48884	Technologies	1-2007-02385	11524	VN	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	PI20061644	MY-143636-A	MY	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	10.04.2006
48884	Technologies	06711061.9	1869560	GB	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	11/105324	7702839	US	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	12.04.2005
48884	Technologies	200680017821.X	200680017821.X	CN	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	200716751.3	136480	SG	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	2007-7026185	948090	KR	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	11/998355	8635394	US	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	28.11.2007
48884	Technologies	2009-7022539	1140723	KR	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	28.10.2009
48884	Technologies	06711061.9	1869560	CZ	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	6,02006E+11	DE	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	1869560	HU	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	1869560	RO	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	1869560	SK	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
49035	Technologies	200680003957.5	2,0068E+11	CN	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	06701062.9	6,02006E+11	DE	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	06701062.9	1844593	ES	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	06701062.9	1844593	FR	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	06701062.9	1844593	GB	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	08106949.1	1112127	HK	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	23.06.2008
49035	Technologies	6088/DELNP/2007		IN	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	06701062.9	5,02013E+14	IT	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	2009-7013499	1122143	KR	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.06.2009
49035	Technologies	06701062.9	1844593	NL	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	92/2006	141625	PK	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	01.02.2006
49035	Technologies	601000429		TH	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	01.02.2006
49035	Technologies	06701062.9	1844593	TR	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49035	Technologies	95102735	I401918	TW	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	25.01.2006
49035	Technologies	11/342261	8127040	US	A COMMUNICATION METHOD FOR SIGNALING BUFFER PARAMETS	26.01.2006
49153	Technologies	9391/DELNP/2007	282192	IN	VIRTUAL RINGING TONES	15.05.2006
49153	Technologies	11/145015	7391300	US	VIRTUAL RINGING TONES	03.06.2005
49153	Technologies	2007-7028080	996974	KR	VIRTUAL RINGING TONES	15.05.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
49479	Technologies	11/105312	7756206	US	FGS IDENTIFICATION IN SCALABLE VIDEO CODING	13.04.2005
49712	Technologies	06820973.3		EP	DYNAMIC MOBILE CONTENT SHARING SYSTEM	13.11.2006
49712	Technologies	11/281278		US	DYNAMIC MOBILE CONTENT SHARING SYSTEM	17.11.2005
49750	Technologies	11/165706	8260743	US	AUTOMATIC DETECTION AND RETRIEVAL/SHARING OF MOBILE SUBSCRIBER INFO IN DEFINED GEOGRAPHICAL AREA.	24.06.2005
49788	Technologies	11/450919	7818079	US	AUDIO EQUALIZATION BASED ON DIGITAL SIGNAL PROCESSING IN DOWNSAMPLED DOMAINS	09.06.2006
49798	Technologies	200680044058.X	200680044058.X	CN	APPLYING 3GP/MP4 MOVIE FRAGMENTS TO DVB-H BROADCAST PAUSING RECORDING TO A 3GP/MP4 FILE	28.11.2006
49798	Technologies	06831970.6		EP	APPLYING 3GP/MP4 MOVIE FRAGMENTS TO DVB-H BROADCAST PAUSING RECORDING TO A 3GP/MP4 FILE	28.11.2006
49798	Technologies	95144061	I492628	TW	APPLYING 3GP/MP4 MOVIE FRAGMENTS TO DVB-H BROADCAST PAUSING RECORDING TO A 3GP/MP4 FILE	29.11.2006
49798	Technologies	11/292786	8788933	US	APPLYING 3GP/MP4 MOVIE FRAGMENTS TO DVB-H BROADCAST PAUSING RECORDING TO A 3GP/MP4 FILE	01.12.2005
50290	Technologies	11/272438	8046349	US	ADVANCED BROWSER ADDRESS FIELD THAT TELLS IF ADDRESS IS VALID OR NOT	09.11.2005
50674	Technologies	11/269142	7706749	US	BT DEVICE TO CONTACTS	07.11.2005
50878	Technologies	11/384212	8112122	US	CONTENT-SENSITIVE AND CONFIGURABLE USE OF NUMERICAL KEYPAD TO ACCESS SERVICE FEATURES AND FUNCTION IN TERMINALS	17.03.2006
50956	Technologies	11/555378	9331802	US	IDENTIFYING SCOPE ESG FRAGMENTS AND ENABLING HIERARCHY IN THE SCOPE	01.11.2006
50967	Technologies	12/597049	8867573	US	INTERCONNECT DOMAIN CROSSING (CLOCK BRIDGE)	23.04.2007
51024	Technologies	200680051677.1	2,0068E+11	CN	TUNE-IN TIME REDUCTION IN IP DATACASTING OVER DVB-H	24.11.2006
51024	Technologies	06821009.5		EP	TUNE-IN TIME REDUCTION IN IP DATACASTING OVER DVB-H	24.11.2006
51024	Technologies	11/275394	7826536	US	TUNE-IN TIME REDUCTION IN IP DATACASTING OVER DVB-H	29.12.2005
51026	Technologies	11/427963	7584495	US	REDUNDANT STREAM ALIGNMENT IN IP DATACASTING OVER DVB-H	30.06.2006
51042	Technologies	07700527.0		EP	GAME MODIFYING SENSOR INFORMATION	29.01.2007
51077	Technologies	11/466993	8311511	US	HIDDEN CONTACTS COMBINED WITH EASY METHOD FOR ACCESSING THESE HIDDEN CONTACTS	24.08.2006
51114	Technologies	06821016.0	6,02006E+11	DE	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	13158126.6	6,02006E+11	DE	METHOD FOR CLOSING A COMMUNICATION LINK	07.03.2013
51114	Technologies	06821016.0	1964311	GB	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	13158126.6	2602957	GB	METHOD FOR CLOSING A COMMUNICATION LINK	07.03.2013
51114	Technologies	06821016.0	1964311	NL	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	13158126.6	2602957	NL	METHOD FOR CLOSING A COMMUNICATION LINK	07.03.2013
51114	Technologies	200680041699.X	200680041699.X	CN	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	11/312773	8374548	US	METHOD FOR CLOSING A COMMUNICATION LINK	21.12.2005
51114	Technologies	2011-201823	5124678	JP	METHOD FOR CLOSING A COMMUNICATION LINK	15.09.2011
51114	Technologies	2008-546661	4856192	JP	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51315	Technologies	11/373803	7634321	US	MULTIRADIO CONTROL FOR LIGHTNING DETECTION DEVICE	10.03.2006
51321	Technologies	06807982.1	6,02006E+11	DE	LEVER ASSISTED FLIP -TOP	07.11.2006
51321	Technologies	12/513969	8385993	US	LEVER ASSISTED FLIP -TOP	07.11.2006
51321	Technologies	06807982.1	2084887	GB	LEVER ASSISTED FLIP -TOP	07.11.2006
51333	Technologies	12/295446	7778503	US	OPTICAL SETUP FOR BOARD-TO-BOARD OPTICAL LIGHT TRANSFER IN A SLIDE TYPE MOBILE DEVICE	31.03.2006

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
51498	Technologies	200680047793.6	2,0068E+11	CN	COMPACT SALES PACKAGE	07.12.2006
51498	Technologies	06832135.5	6,02006E+11	DE	COMPACT SALES PACKAGE	07.12.2006
51498	Technologies	2008-7014656	1044316	KR	COMPACT SALES PACKAGE	07.12.2006
51498	Technologies	06832135.5	1966052	NL	COMPACT SALES PACKAGE	07.12.2006
51498	Technologies	12/086508	7992764	US	COMPACT SALES PACKAGE	07.12.2006
51498	Technologies	2008/05217	2008/05217	ZA	COMPACT SALES PACKAGE	07.12.2006
51513	Technologies	11/398030	8073433	US	PUSH-TO-TALK BASED CHAT IN INTERACTIVE MOBILE TV	05.04.2006
51513	Technologies	13/277948	8448207	US	PUSH-TO-TALK BASED CHAT IN INTERACTIVE MOBILE TV	20.10.2011
51527	Technologies	11/480024	7612559	US	CONTINUOUS POSITION DETECTION/CONTEXT SENSING	29.06.2006
51563	Technologies	07700302.8		EP	HIGH DYNAMIC RANGE TEXTURE COMPRESSION FOR GRAPHICS HARDWARE	23.01.2007
51563	Technologies	11/339341	7873212	US	HIGH DYNAMIC RANGE TEXTURE COMPRESSION FOR GRAPHICS HARDWARE	24.01.2006
51563	Technologies	2008-7018145	972401	KR	HIGH DYNAMIC RANGE TEXTURE COMPRESSION FOR GRAPHICS HARDWARE	23.01.2007
51563	Technologies	2008-550793	4698739	JP	HIGH DYNAMIC RANGE TEXTURE COMPRESSION FOR GRAPHICS HARDWARE	23.01.2007
51563	Technologies	200780003310.7	2,0078E+11	CN	HIGH DYNAMIC RANGE TEXTURE COMPRESSION FOR GRAPHICS HARDWARE	23.01.2007
51653	Technologies	11/478839	7755547	US	MECHANICALLY TUNABLE ANTENNAS FOR MOBILE PHONES	30.06.2006
51653	Technologies	12/803094	8212729	US	MECHANICALLY TUNABLE ANTENNAS FOR MOBILE PHONES	18.06.2010
51717	Technologies	11/612347	7936945	US	IMAGE CORRECTION IN A GOLF CAMERA	18.12.2006
51872	Technologies	11/417539	7499264	US	TURNANDSLIDE CONCEPT	03.05.2006
52041	Technologies	11/604126	7787912	US	CHANGE PRODUCT BY FLIPPING	22.11.2006
52207	Technologies	12/301402	8964812	US	SEMI SOFT GPS	24.05.2006
52252	Technologies	11/368395	8719391	US	METHOD AND SYSTEM FOR CONTROLLING CONTEXTUAL INFORMATION PUSH SERVICES	07.03.2006
52287	Technologies	200780043393.2	2,0078E+11	CN	STEREO ENCODING METHOD FOR AUDIO ENCODING	07.11.2007
52287	Technologies	07848862.4	6,02007E+11	DE	STEREO ENCODING METHOD FOR AUDIO ENCODING	07.11.2007
52287	Technologies	11/633133	8041042	US	STEREO ENCODING METHOD FOR AUDIO ENCODING	30.11.2006
52376	Technologies	10/188813	7305491	US	TECHNIQUES FOR HANDLING TIME ZONE CHANGES IN PERSONAL INFORMATION MANAGEMENT SOFTWARE	02.07.2002
52566	Technologies	07724021.6	6,02007E+11	DE	LETTER BOX SIZE MOBILE PHONE AND ENHANCEMENT PACKAGE SOLUTION FOR ONLINE SALES DIRECT HOME DELIVERIES	04.04.2007
52566	Technologies	0607912.3	2437277	GB	LETTER BOX SIZE MOBILE PHONE AND ENHANCEMENT PACKAGE SOLUTION FOR ONLINE SALES DIRECT HOME DELIVERIES	21.04.2006
52566	Technologies	07724021.6	2013095	GB	LETTER BOX SIZE MOBILE PHONE AND ENHANCEMENT PACKAGE SOLUTION FOR ONLINE SALES DIRECT HOME DELIVERIES	04.04.2007
52566	Technologies	2008-7025553	1082968	KR	LETTER BOX SIZE MOBILE PHONE AND ENHANCEMENT PACKAGE SOLUTION FOR ONLINE SALES DIRECT HOME DELIVERIES	04.04.2007
52577	Technologies	2014-191462	6001613	JP	UTILIZING UPNP INFORMATION FOR PRESENCE	19.09.2014
52577	Technologies	PI0714990.5		BR	UTILIZING UPNP INFORMATION FOR PRESENCE	30.04.2007
52577	Technologies	07734458.8		EP	UTILIZING UPNP INFORMATION FOR PRESENCE	30.04.2007
52577	Technologies	2012-145105	5627646	JP	UTILIZING UPNP INFORMATION FOR PRESENCE	28.06.2012
52577	Technologies	MX/a/2008/015700	294928	MX	UTILIZING UPNP INFORMATION FOR PRESENCE	30.04.2007
52577	Technologies	11/455904	9338028	US	UTILIZING UPNP INFORMATION FOR PRESENCE	19.06.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
52577	Technologies	15/095683		US	UTILIZING UPNP INFORMATION FOR PRESENCE	11.04.2016
52644	Technologies	11/604417	7593524	US	NEW SIMPLE HINGE MECHANISM FOR FOLDING DEVICE	27.11.2006
52644	Technologies	200780043777.4	2,0078E+11	CN	NEW SIMPLE HINGE MECHANISM FOR FOLDING DEVICE	12.11.2007
52696	Technologies	11/424615	8713079	US	MOBILE DEVICE HW KEY FOR TAGGING CONTENT IN THE MOBILE DEVICE AND IN INTERNET SERVICES	16.06.2006
52781	Technologies	11/600661	8120585	US	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	16.11.2006
52781	Technologies	200710170216.2	2,0071E+11	CN	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	15.11.2007
52781	Technologies	07120226.1	1923774	EP	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	08.11.2007
52781	Technologies	07120226.1	1923774	GB	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	08.11.2007
52781	Technologies	07120226.1	6,02007E+11	DE	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	08.11.2007
52906	Technologies	200680056405.0	2,0068E+11	CN	KEY-DECOUPLING TO BOOST ANTENNA PERFORMANCE	17.11.2006
52906	Technologies	06849444.2		EP	KEY-DECOUPLING TO BOOST ANTENNA PERFORMANCE	17.11.2006
52906	Technologies	2815/DELNP/2009		IN	KEY-DECOUPLING TO BOOST ANTENNA PERFORMANCE	17.11.2006
52906	Technologies	2009-7009612	1120652	KR	KEY-DECOUPLING TO BOOST ANTENNA PERFORMANCE	17.11.2006
52925	Technologies	11/641561	7439922	US	GPS ANTENNA FOR MOBILE DEVICE	19.12.2006
52958	Technologies	12/520039	9294600	US	WATERPROOF CONNECTOR FOR BATTERY RECHARGING IN MOBILE DEVICES	21.12.2006
53049	Technologies	11/424042	8205170	US	SLIDING ISLAND CONCEPT - PULL MOUA	14.06.2006
53050	Technologies	200710105450.7	2,0071E+11	CN	GAMING DEVICE CONCEPT - PULL MOUA	30.05.2007
53050	Technologies	11/444157	7846027	US	GAMING DEVICE CONCEPT - PULL MOUA	30.05.2006
53050	Technologies	07252195.8	6,02007E+11	DE	GAMING DEVICE CONCEPT - PULL MOUA	29.05.2007
53079	Technologies	11/594704	8014553	US	PHONE-HOSTED DETACHABLE FLESH CONDUCTING MICROPHONE SPEAKER /PHMS	07.11.2006
53089	Technologies	11/562796	9189791	US	SYSTEM AND METHOD FOR INCENTIVE-AWARE PUSHING OF ADVERTISEMENTS ON LAPTOPS, SMART PHONES, MOBILE PHONES AND PDA-S	22.11.2006
53152	Technologies	11/469566	8677243	US	MUSIC RECOMMENDATION ALGORITHM	01.09.2006
53353	Technologies	200780039255.7	2,0078E+11	CN	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53353	Technologies	2009-7008178	1054109	KR	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53353	Technologies	96134290	I430101	TW	A METHOD FOR TIME-STAMPING MESSAGES	13.09.2007
53353	Technologies	11/525125	8160084	US	A METHOD FOR TIME-STAMPING MESSAGES	22.09.2006
53353	Technologies	07848794.9	6,02007E+11	DE	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53353	Technologies	07848794.9	2064628	GB	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53360	Technologies	13/782442	8670804	US	MESSAGING IN CONTACTS	01.03.2013
53360	Technologies	11/617937	8538483	US	MESSAGING IN CONTACTS	29.12.2006
53360	Technologies	96150753	I491241	TW	MESSAGING IN CONTACTS	28.12.2007
53391	Technologies	11/703746	7787861	US	DUBLICATE CHARGING DATA RECORD (CDR) PREVENTION MECHANISM HANDLING IN SERIES	08.02.2007
53494	Technologies	11/543351	7477535	US	MEMORY MANAGER IMPLEMENTED WITH 3D INTEGRATION	05.10.2006
53494	Technologies	1108075.1	2479078	GB	MEMORY MANAGER IMPLEMENTED WITH 3D INTEGRATION	16.05.2011
53494	Technologies	200780042028.X	200780042028.X	CN	MEMORY MANAGER IMPLEMENTED WITH 3D INTEGRATION	02.07.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
53494	Technologies	201110130748.X	201110130748.X	CN	MEMORY MANAGER IMPLEMENTED WITH 3D INTEGRATION	17.05.2011
53494	Technologies	12/343223	7894229	US	MEMORY MANAGER IMPLEMENTED WITH 3D INTEGRATION	23.12.2008
53533	Technologies	11/540082	7441222	US	AN INNOVATIVE WAY TO ROUTE DIFFERENTIAL POWER/SIGNAL LINES ON HIGH DENSITY COMPONENTS/CONNECTORS	29.09.2006
53692	Technologies	200780044926.9	2,0078E+11	CN	CS VIDEO ENCHANCEMENT FOR EARLY CONNECT	05.12.2007
53692	Technologies	2973/CHENP/2009	267519	IN	CS VIDEO ENCHANCEMENT FOR EARLY CONNECT	05.12.2007
53692	Technologies	11/645383	8244229	US	CS VIDEO ENCHANCEMENT FOR EARLY CONNECT	26.12.2006
54102	Technologies	2012202346	2012202346	AU	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.04.2012
54102	Technologies	2661578	2661578	CA	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	6,02007E+11	DE	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	FR	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	GB	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	IE	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	NL	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	1-2009-500456	1-2009-500456	PH	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	200780035257.9	2,0078E+11	CN	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	1212/CHENP/2009	266298	IN	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	2009109847	2435235	RU	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	2009/1936	2009/1936	ZA	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	2009-7005944	1021831	KR	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	1-2009-00583		VN	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	11/844300	8365060	US	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	23.08.2007
54366	Technologies	11/706821	7844008	US	DELAYED BRANCH DECISION IN QRD-M ALGORITHM	17.02.2007
54389	Technologies	12/514687	8738098	US	SWIVEL PHONE WITH TWO UI AREAS, E.G. FOR CHINESE TEXT INPUT	14.11.2006
54389	Technologies	200680056133.4	2,0068E+11	CN	SWIVEL PHONE WITH TWO UI AREAS, E.G. FOR CHINESE TEXT INPUT	14.11.2006
54442	Technologies	200780051849.X	200780051849.X	CN	LOW HEAD ABSORPTION PHONE CONCEPTS	28.02.2007
54442	Technologies	07734873.8		EP	LOW HEAD ABSORPTION PHONE CONCEPTS	28.02.2007
54442	Technologies	12/449631	8362957	US	LOW HEAD ABSORPTION PHONE CONCEPTS	28.02.2007
54500	Technologies	11/702100	8893231	US	IMPLEMENTING REGIONAL AUTHENTICATION CONCEPT FOR ANY ACCESS	05.02.2007
54776	Technologies	08737998.8	2147524	GB	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	25.04.2008
54776	Technologies	6415/DELNP/2009		IN	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	25.04.2008
54776	Technologies	11/807170	8705375	US	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	24.05.2007
54776	Technologies	2009/8912	2009/8912	ZA	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	25.04.2008
54895	Technologies	12/597923	8289219	US	MULTI RADIO ANTENNA SYSTEM INTEGRATION	02.05.2007
55019	Technologies	11/695255		US	USE AND ENHANCEMENT OF PRESENCE INFORMATION FOR TARGETED MOBILE AND ONLINE ADVERTISEMENT	02.04.2007
55146	Technologies	200680056553.2	2,0068E+11	CN	FLEXI PACKAGE	07.12.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
55146	Technologies	06829380.2	6,02006E+11	DE	FLEXI PACKAGE	07.12.2006
55197	Technologies	12/520854	8737666	US	MINI HEADSET	22.12.2006
55234	Technologies	11/855778	8086057	US	DYNAMIC QUANTIZER STRUCTURES FOR EFFICIENT COMPRESSION	14.09.2007
55235	Technologies	11/855108	8489392	US	NOVEL PARAMETRIC MODEL FOR SPEECH	13.09.2007
55240	Technologies	11/810749	8059036	US	HIGH ?R MATERIAL TO EXTEND THE PWB ELECTRICAL LENGTH TO IMPROVE LB PERFORMANCE.	06.06.2007
55395	Technologies	12/520623	8698699	US	FM RADIO ANTENNA THROUGH USB CONNECTOR	21.12.2006
55420	Technologies	07859127.8	6,02007E+11	DE	CONFIGURATION OF DISTRIBUTED TELECONFERENCING SYSTEM USING PROXIMITY INFORMATION	13.12.2007
55420	Technologies	07859127.8	2098034	FR	CONFIGURATION OF DISTRIBUTED TELECONFERENCING SYSTEM USING PROXIMITY INFORMATION	13.12.2007
55420	Technologies	07859127.8	2098034	GB	CONFIGURATION OF DISTRIBUTED TELECONFERENCING SYSTEM USING PROXIMITY INFORMATION	13.12.2007
55420	Technologies	3630/CHENP/2009	283577	IN	CONFIGURATION OF DISTRIBUTED TELECONFERENCING SYSTEM USING PROXIMITY INFORMATION	13.12.2007
55420	Technologies	11/616492	8503651	US	CONFIGURATION OF DISTRIBUTED TELECONFERENCING SYSTEM USING PROXIMITY INFORMATION	27.12.2006
55488	Technologies	12/669329	8378900	US	EXTENDED ANTENNA GROUND EFFECTIVELY DISCONNECTED FROM THE CIRCUIT BOARD GROUND	18.07.2007
55561	Technologies	08869387.4		EP	FRIENDS COMPASS	08.12.2008
55561	Technologies	11/968377	9582937	US	FRIENDS COMPASS	02.01.2008
55569	Technologies	07826897.6		EP	PERSONALIZED ADVERTISING BASED ON TAGGED COMMUNICATION	29.10.2007
55569	Technologies	11/617926		US	PERSONALIZED ADVERTISING BASED ON TAGGED COMMUNICATION	29.12.2006
55750	Technologies	12/532179	8508428	US	WIDEBAND ANTENNA STRUCTURE FOR MOBILE TERMINALS BASED ON INTEGRATED FEED	30.03.2007
55752	Technologies	11/609049	8107968	US	WLAN SCHEDULING WITH MULTIRADIO CONTROLLER	11.12.2006
55791	Technologies	11/903510	8159832	US	MINIATURIZATION OF EBG (ELECTROMAGNETIC BAND GAP) STRUCTURES FOR NOISE MITIGATION AND FILTERING IN HIGH-SPEED PWB AND PACKAGES USING MULTILAYER TECHNOLOGIES	21.09.2007
55912	Technologies	11/693101		US	ADVERTISEMENT DICTIONARIES	29.03.2007
56000	Technologies	09/955750	6950623	US	METHODS AND SYSTEM FOR DYNAMICALLY SERVING IN-STREAM ADVERTISEMENTS	18.09.2001
56001	Technologies	09/976507	6842604	US	PERSONAL DIGITAL CONTENT SYSTEM	12.10.2001
56001	Technologies	09/270817	6338044	US	PERSONAL DIGITAL CONTENT SYSTEM	17.03.1999
56002	Technologies	09/588827	6801576	US	SYSTEM FOR ACCESSING, DISTRIBUTING AND MAINTAINING VIDEO CONTENT OVER PUBLIC AND PRIVATE INTERNET PROTOCOL NETWORKS	07.06.2000
56006	Technologies	2504312	2504312	CA	SYSTEM AND METHOD FOR PROVIDING MEDIA SAMPLES ON-LINE IN RESPONSE TO MEDIA RELATED SEARCHES ON THEINTERNET	30.10.2003
56006	Technologies	10/634853	7124125	US	SYSTEM AND METHOD FOR PROVIDING MEDIA SAMPLES ON-LINE IN RESPONSE TO MEDIA RELATED SEARCHES ON THEINTERNET	06.08.2003
56006	Technologies	11/485462	7739271	US	SYSTEM AND METHOD FOR PROVIDING MEDIA SAMPLES ON-LINE IN RESPONSE TO MEDIA RELATED SEARCHES ON THEINTERNET	13.07.2006
56010	Technologies	11/333942	7533061	US	Delivering Media Files to Consumer Devices	18.01.2006
56012	Technologies	10/047511	7203758	US	SYSTEM AND METHOD FOR SELECTIVE INSERTION OF CONTENT INTO STREAMING MEDIA	19.10.2001
56015	Technologies	10/252400	7617272	US	SYSTEMS AND METHODS FOR ENHANCING STREAMING MEDIA	24.09.2002
56016	Technologies	09/502627	7562300	US	SYSTEM FOR AUTOMATED COMPREHENSIVE REMOTE SERVICING FOR MEDIA INFORMATION	11.02.2000
56021	Technologies	09/634084	6732180	US	SYSTEM AND METHOD FOR PROTECTING DIGITAL WORKS ON A COMMUNICATION NETWORK	08.08.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
56026	Technologies	09/081491	6167469	US	DIGITAL CAMERA HAVING DISPLAY DEVICE FOR DISPLAYING GRAPHICAL REPRESENTATION OF USER INPUT AND METHOD FOR TRANSPORTING THE SELECTED DIGITALIMAGES THEREOF	18.05.1998
56026	Technologies	09/504825	6715003	US	DIGITAL CAMERA HAVING DISPLAY DEVICE FOR DISPLAYING GRAPHICAL REPRESENTATION OF USER INPUT AND METHOD FOR TRANSPORTING THE SELECTED DIGITALIMAGES THEREOF	14.02.2000
56225	Technologies	2661073		CA	ENABLERS FOR ADVERTISEMENT BASED BUSINESS MODEL	22.08.2007
56225	Technologies	07804800.6	6,02007E+11	DE	ENABLERS FOR ADVERTISEMENT BASED BUSINESS MODEL	22.08.2007
56225	Technologies	07804800.6	2057594	GB	ENABLERS FOR ADVERTISEMENT BASED BUSINESS MODEL	22.08.2007
56225	Technologies	07804800.6	2057594	NL	ENABLERS FOR ADVERTISEMENT BASED BUSINESS MODEL	22.08.2007
56225	Technologies	11/468207	9432830	US	ENABLERS FOR ADVERTISEMENT BASED BUSINESS MODEL	29.08.2006
56226	Technologies	201610354129.1		CN	INTELLIGENT RECIPIENT LIST	25.05.2016
56226	Technologies	2010-7011808	1178190	KR	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	08844391.6	2206326	GB	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	11/931453	8995990	US	INTELLIGENT RECIPIENT LIST	31.10.2007
56226	Technologies	08844391.6	6,02008E+11	DE	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	08844391.6	2206326	NL	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	16172780.5		EP	INTELLIGENT RECIPIENT LIST	03.06.2016
56231	Technologies	12/593674	8850076	US	EFFICIENT EMBEDDED NETWORK CONNECTION PROCESSOR IMPLEMENTATIONS	27.03.2008
56301	Technologies	11/508726	7746882	US	ASSEMBLING RICH MEDIA BASED FORWARD ERROR CORRECTION (FEC) FRAMES	22.08.2006
56301	Technologies	2009-7005696	959293	KR	ASSEMBLING RICH MEDIA BASED FORWARD ERROR CORRECTION (FEC) FRAMES	20.08.2007
56526	Technologies	08717671.5	6,02008E+11	DE	DYNAMIC ETHERNET LOOP PROTECTION	12.03.2008
56526	Technologies	11/730329	7876688	US	DYNAMIC ETHERNET LOOP PROTECTION	30.03.2007
57077	Technologies	2701881	2701881	CA	ADAPTIVE UI FOR TOUCH PHONES, DEPENDING ON MOVEMENTS, SIZE OF TOUCHED AREA, USER ERRORS ETC	09.10.2008
57077	Technologies	08807942.1		EP	ADAPTIVE UI FOR TOUCH PHONES, DEPENDING ON MOVEMENTS, SIZE OF TOUCHED AREA, USER ERRORS ETC	09.10.2008
57077	Technologies	2856/DELNP/2010		IN	ADAPTIVE UI FOR TOUCH PHONES, DEPENDING ON MOVEMENTS, SIZE OF TOUCHED AREA, USER ERRORS ETC	09.10.2008
57077	Technologies	11/874537	8312373	US	ADAPTIVE UI FOR TOUCH PHONES, DEPENDING ON MOVEMENTS, SIZE OF TOUCHED AREA, USER ERRORS ETC	18.10.2007
57077	Technologies	2010119418	2455679	RU	ADAPTIVE UI FOR TOUCH PHONES, DEPENDING ON MOVEMENTS, SIZE OF TOUCHED AREA, USER ERRORS ETC	09.10.2008
57077	Technologies	2010-7010733	1187853	KR	ADAPTIVE UI FOR TOUCH PHONES, DEPENDING ON MOVEMENTS, SIZE OF TOUCHED AREA, USER ERRORS ETC	09.10.2008
57210	Technologies	11/946373	8472934	US	TURBO BOOST KEY	28.11.2007
57333	Technologies	11/754588	7580736	US	SWIVELING PORTRAIT TO WIDE SCREEN CONCEPT	29.05.2007
57417	Technologies	12/663877	8179772	US	STORAGE DEVICE AND METHOD FOR SCANNING A STORAGE MEDIUM	26.06.2007
57499	Technologies	97117420	I529627	TW	A PEN UI FOR CHINESE MULTI-CHARACTER INPUT	12.05.2008
57499	Technologies	09111834.8	1135486	HK	A PEN UI FOR CHINESE MULTI-CHARACTER INPUT	16.12.2009
57499	Technologies	200810096438.9	2,0081E+11	CN	A PEN UI FOR CHINESE MULTI-CHARACTER INPUT	09.05.2008
59020	Technologies	201280035672.5	2,0128E+11	CN	Optical device	16.05.2012
59020	Technologies	12725488.6		EP	Optical device	16.05.2012
59020	Technologies	10107/CHENP/2013		IN	Optical device	16.05.2012

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
60104	Technologies	11/696130	7711718	US	Multiple meta boxes in ISO base media file format	03.04.2007
60159	Technologies	11/821556	7682092	US	Miniature mechanical camera shutter with whip-type of closing action	21.06.2007
60438	Technologies	11/944250	7852582	US	Method and apparatus for wear-levelling of a probe storage device	21.11.2007
60560	Technologies	11/973771	8130206	US	Method for activating partial and full screen key guard / phone lock in touch UI	09.10.2007
60568	Technologies	11/904385	7834640	US	ESD Protection Based Line Connection Test	26.09.2007
60650	Technologies	200880109999.6		CN	Dynamic banners for mobile web server and service	26.09.2008
60650	Technologies	08807830.8		EP	Dynamic banners for mobile web server and service	26.09.2008
60650	Technologies	2491/CHENP/2010		IN	Dynamic banners for mobile web server and service	26.09.2008
60650	Technologies	11/906255		US	Dynamic banners for mobile web server and service	01.10.2007
60650	Technologies	201511026824.7		CN	Dynamic banners for mobile web server and service	30.12.2015
60655	Technologies	11/839794	8238693	US	Embedding advertisements/info to multimedia content via time dependent aggregate effects of shooter, target, and viewer contexts	16.08.2007
60689	Technologies	2696717	2696717	CA	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	27.08.2008
60689	Technologies	200880108342.8	2,0088E+11	CN	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	27.08.2008
60689	Technologies	08806963.8		EP	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	27.08.2008
60689	Technologies	11/897679	8554784	US	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	31.08.2007
60714	Technologies	11/967608		US	Internet marketing method	31.12.2007
61185	Technologies	08018101.9		EP	Click fraud prevention in mobile advertising	16.10.2008
61185	Technologies	11/975426	7779121	US	Click fraud prevention in mobile advertising	19.10.2007
61337	Technologies	12/743905	9043532	US	Non-volatile file system data item handling optimisation for mass production	24.12.2007
61365	Technologies	11/895611	8850102	US	Sector NOR flash bit manipulation solution	23.08.2007
61962	Technologies	11/998696	8193992	US	A method to incorporate large near-by metal objects into the direct-feed antenna concept using thin magnetic sheets	30.11.2007
62235	Technologies	09712766.6		EP	ELIMINATION OF Q-FACTOR DEGRADATION DUE TO ELECTRIC LOSS IN THE CONTACT RESISTANCES IN CARBON NANOTUBE RESONATORS, ACTUATORS AND TRANSDUCERS BY CAPACITIVE COUPLING OR EXTERAL SERIES INDUCTORS	20.01.2009
62235	Technologies	12/035866	7932792	US	ELIMINATION OF Q-FACTOR DEGRADATION DUE TO ELECTRIC LOSS IN THE CONTACT RESISTANCES IN CARBON NANOTUBE RESONATORS, ACTUATORS AND TRANSDUCERS BY CAPACITIVE COUPLING OR EXTERAL SERIES INDUCTORS	22.02.2008
62235	Technologies	200980105929.8	2,0098E+11	CN	ELIMINATION OF Q-FACTOR DEGRADATION DUE TO ELECTRIC LOSS IN THE CONTACT RESISTANCES IN CARBON NANOTUBE RESONATORS, ACTUATORS AND TRANSDUCERS BY CAPACITIVE COUPLING OR EXTERAL SERIES INDUCTORS	20.01.2009
62528	Technologies	200880121563.9	2,0088E+11	CN	TELESCOPIC SLIDE (MECHANICAL CONCEPT)	16.12.2008
62528	Technologies	2010-7013501	1167406	KR	TELESCOPIC SLIDE (MECHANICAL CONCEPT)	16.12.2008
62528	Technologies	12/005039	8121659	US	TELESCOPIC SLIDE (MECHANICAL CONCEPT)	20.12.2007
62609	Technologies	200980106518.0	2,0098E+11	CN	Edgeless carbon nanotube resonator arrays	08.01.2009
62609	Technologies	09715026.2		EP	Edgeless carbon nanotube resonator arrays	08.01.2009
62609	Technologies	12/072972	7791433	US	Edgeless carbon nanotube resonator arrays	29.02.2008
62700	Technologies	200980113341.7	2,0098E+11	CN	Tailored patterning of magnetic nanoparticle composite for transmission lines using laser heating and an external magnetic field	15.01.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
62700	Technologies	09716789.4		EP	Tailored patterning of magnetic nanoparticle composite for transmission lines using laser heating and an external magnetic field	15.01.2009
62700	Technologies	12/074545	9011752	US	Tailored patterning of magnetic nanoparticle composite for transmission lines using laser heating and an external magnetic field	03.03.2008
63035	Technologies	12/157918	8913527	US	Pipelined fully decoupled peer-to-peer off-die interconnect	12.06.2008
63286	Technologies	12/147991		US	Ad Campaign Slicing	27.06.2008
63331	Technologies	12/163421		US	Method for dynamically rearranging ad selection logic	27.06.2008
63472	Technologies	11/024035	7490772	US	Code reader	29.12.2004
63654	Technologies	12/082525	8266248	US	System for suggesting device/service purchasing, based on existing network components and media files	11.04.2008
63854	Technologies	09754017.3	6,02009E+11	DE	Optimizing seek functionality in media content for improved memory and cpu utilization.	12.05.2009
63854	Technologies	8330/CHENP/2010		IN	Optimizing seek functionality in media content for improved memory and cpu utilization.	12.05.2009
63854	Technologies	200980120152.2	2,0098E+11	CN	Optimizing seek functionality in media content for improved memory and cpu utilization.	12.05.2009
63854	Technologies	12/129924	8543230	US	Optimizing seek functionality in media content for improved memory and cpu utilization.	30.05.2008
63880	Technologies	09742196.0	2286622	GB	QoS and power save aware forwarding rules for MP	04.05.2009
63880	Technologies	09742196.0	6,02009E+11	DE	QoS and power save aware forwarding rules for MP	04.05.2009
63880	Technologies	12/151627	8274894	US	QoS and power save aware forwarding rules for MP	07.05.2008
64039	Technologies	200980119839.4	2,0098E+11	CN	Inherently Aligned Flexural Sensor	11.05.2009
64039	Technologies	12/156468	8132468	US	Inherently Aligned Flexural Sensor	29.05.2008
64039	Technologies	13/401182	8495917	US	Inherently Aligned Flexural Sensor	21.02.2012
64039	Technologies	09754016.5	6,02009E+11	DE	Inherently Aligned Flexural Sensor	11.05.2009
64121	Technologies	PI0915357.8		BR	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	2727213		CA	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	200980127501.3	2,0098E+11	CN	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	09762050.4		EP	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	89/CHENP/2011		IN	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	2011-513067	5312578	JP	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	2011-7000451	10-1247991	KR	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	NG/C/2010/870	NG/C/2010/870	NG	camera gestures for 3D user interface control	11.06.2009
64121	Technologies	12/137202	8269842	US	camera gestures for 3D user interface control	11.06.2008
64121	Technologies	1-2010-03339		VN	camera gestures for 3D user interface control	11.06.2009
64131	Technologies	12/181132	7996571	US	Caller photo on remote display in incoming call event	28.07.2008
64173	Technologies	12/202262	8388346	US	Mobile Braille Reading Methods Based on Use of Touch-screen and Tactile Feedback	30.08.2008
64205	Technologies	200980119840.7	2,0098E+11	CN	Automatic content use assignment by exploiting social graph information	19.05.2009
64205	Technologies	8198/CHENP/2010		IN	Automatic content use assignment by exploiting social graph information	19.05.2009
64205	Technologies	2010-7029666	1195333	KR	Automatic content use assignment by exploiting social graph information	19.05.2009
64205	Technologies	12/129200	8244727	US	Automatic content use assignment by exploiting social graph information	29.05.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
64216	Technologies	12/580099	8591128	US	Expanding Keymat	15.10.2009
64252	Technologies	12/104096	8402536	US	Signature based authentication of the configuration of a programmable logic component	16.04.2008
64319	Technologies	12/165508	8213657	US	Inductive loop attachment method	30.06.2008
64347	Technologies	12/165167		US	Viral crush Game Invitation	30.06.2008
64448	Technologies	09828685.9	6,02009E+11	DE	Phone Physical Pointer / PPP	13.10.2009
64448	Technologies	12/315135	8823542	US	Phone Physical Pointer / PPP	26.11.2008
64527	Technologies	200980145527.0	2,0098E+11	CN	Device with Dual User Interface	05.11.2009
64527	Technologies	2011-7013403	1303445	KR	Device with Dual User Interface	05.11.2009
64527	Technologies	12/291877	9052874	US	Device with Dual User Interface	14.11.2008
64527	Technologies	09825806.4	6,02009E+11	DE	Device with Dual User Interface	05.11.2009
64542	Technologies	200880130569.2	2,0088E+11	CN	Folding dual screen mechanism.	29.08.2008
64542	Technologies	08785751.2	6,02008E+11	DE	Folding dual screen mechanism.	29.08.2008
64542	Technologies	13/061175	9253294	US	Folding dual screen mechanism.	29.08.2008
64568	Technologies	12/156537	9633336	US	Truncating formatted email and subsequently restoring after having been edited	02.06.2008
64597	Technologies	12/315502	8135433	US	Internal HandsFree speaker (IHF) with integrated passive decoupling	02.12.2008
64687	Technologies	200980154804.4	2,0098E+11	CN	Decimators (filters) and image formats for camera modules	19.01.2009
64687	Technologies	2011-545770	5650133	JP	Decimators (filters) and image formats for camera modules	19.01.2009
64687	Technologies	13/145110	9042678	US	Decimators (filters) and image formats for camera modules	19.01.2009
64693	Technologies	12/164655	8196162	US	Video Advertising MetaData Script	30.06.2008
64820	Technologies	200980140231.X	200980140231.X	CN	Touch Slide	09.09.2009
64820	Technologies	12/287648	8144450	US	Touch Slide	09.10.2008
64820	Technologies	09818844.4	6,02009E+11	DE	Touch Slide	09.09.2009
64898	Technologies	15/604275		US	TV and Video overlay for advertising	24.05.2017
64898	Technologies	585/CHENP/2011		IN	TV and Video overlay for advertising	14.05.2009
64898	Technologies	2013-081789	5988500	JP	TV and Video overlay for advertising	10.04.2013
64921	Technologies	237/DELNP/2011		IN	Map-aided mobile positioning in Kalman-type filters using pdf truncation.	30.07.2008
64921	Technologies	202008018114.3	2,02008E+11	DE	Map-aided mobile positioning in Kalman-type filters using pdf truncation.	28.07.2011
64921	Technologies	13/056356	8892392	US	Map-aided mobile positioning in Kalman-type filters using pdf truncation.	30.07.2008
64927	Technologies	09783303.2		EP	A Method of Dynamical Encryption/Identification with Systems of (Nano-Scale) Resonators II	22.09.2009
64927	Technologies	12/284927		US	A Method of Dynamical Encryption/Identification with Systems of (Nano-Scale) Resonators II	25.09.2008
65145	Technologies	PI0919852.0		BR	System for establishing a social network in developing countries	29.09.2009
65145	Technologies	200980141945.2	2,0098E+11	CN	System for establishing a social network in developing countries	29.09.2009
65145	Technologies	2431/DEL/2008		IN	System for establishing a social network in developing countries	24.10.2008
65145	Technologies	13/125958		US	System for establishing a social network in developing countries	29.09.2009
65148	Technologies	201080004524.8	2,0108E+11	CN	Flexible batteries based on carbon nanotube electrodes enabling roll to roll mass productions	08.01.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
65148	Technologies	10700837.7	2387805	EP	Flexible batteries based on carbon nanotube electrodes enabling roll to roll mass productions	08.01.2010
65148	Technologies	5125/DELNP/2011		IN	Flexible batteries based on carbon nanotube electrodes enabling roll to roll mass productions	08.01.2010
65148	Technologies	10700837.7	2387805	GB	Flexible batteries based on carbon nanotube electrodes enabling roll to roll mass productions	08.01.2010
65148	Technologies	10700837.7	2387805	NL	Flexible batteries based on carbon nanotube electrodes enabling roll to roll mass productions	08.01.2010
65148	Technologies	10700837.7	6,0201E+11	DE	Flexible batteries based on carbon nanotube electrodes enabling roll to roll mass productions	08.01.2010
65199	Technologies	201080004525.2	2,0108E+11	CN	Highly efficient energy conversion and storage system based on carbon nano-materials	08.01.2010
65199	Technologies	10700838.5	6,0201E+11	DE	Highly efficient energy conversion and storage system based on carbon nano-materials	08.01.2010
65199	Technologies	2011-7018628	1309916	KR	Highly efficient energy conversion and storage system based on carbon nano-materials	08.01.2010
65199	Technologies	12/319968	9406985	US	Highly efficient energy conversion and storage system based on carbon nano-materials	13.01.2009
65199	Technologies	2011128790	2469442	RU	Highly efficient energy conversion and storage system based on carbon nano-materials	08.01.2010
65292	Technologies	200980151322.3	2,0098E+11	CN	Piezo luminescent system for direct force-to-light conversion	25.09.2009
65292	Technologies	12/347209	8513883	US	Piezo luminescent system for direct force-to-light conversion	31.12.2008
65292	Technologies	09836119.9	6,02009E+11	DE	Piezo luminescent system for direct force-to-light conversion	25.09.2009
65292	Technologies	09836119.9	2371183	ES	Piezo luminescent system for direct force-to-light conversion	25.09.2009
65292	Technologies	09836119.9	2371183	PL	Piezo luminescent system for direct force-to-light conversion	25.09.2009
65360	Technologies	12/284579	7920372	US	Vanity mechanical concept	22.09.2008
65511	Technologies	12/322140	7974279	US	Epiphany: A Non-Validation Multipath Approach for Defending Against Distributed-Denial-of-Service (DDoS) Attacks	29.01.2009
65522	Technologies	12/317002	7911773	US	Mobile business device concept	17.12.2008
65558	Technologies	112010002623.8		DE	Ultrafast Graphene Electronics Using Novel Oxidization and Contacting Technique	22.03.2010
65558	Technologies	12/387208	8865268	US	Ultrafast Graphene Electronics Using Novel Oxidization and Contacting Technique	28.04.2009
65712	Technologies	12/342444	7995480	US	Offloading content routing cost from routers	23.12.2008
65732	Technologies	12/381483	7978023	US	Smart Active FM antenna	11.03.2009
65784	Technologies	12/327507	8655840	US	Sub-File Mapping in Synchronization of Structured or Scalable Documents and Conten	03.12.2008
66031	Technologies	12/328366	9240214	US	Automated generation of editor's cut in video sharing	04.12.2008
66169	Technologies	09179436.2		EP	Enhanced zooming funcitonality	16.12.2009
66169	Technologies	12/347011	8839154	US	Enhanced zooming funcitonality	31.12.2008
66177	Technologies	13/128607	9426228	US	Layer 2 service discovery enhancements	10.11.2008
66231	Technologies	12/313833	8645283	US	Determining Events of Interest	24.11.2008
66252	Technologies	12/470855	8149072	US	Phase-coupled resonator network and a multi-phase resonator element	22.05.2009
66303	Technologies	200980153061.9	2,0098E+11	CN	Fabrication method of electronic devices based on carbon nanotube network	01.12.2009
66303	Technologies	09836121.5		EP	Fabrication method of electronic devices based on carbon nanotube network	01.12.2009
66303	Technologies	5246/CHENP/2011		IN	Fabrication method of electronic devices based on carbon nanotube network	01.12.2009
66303	Technologies	12/317919	8004018	US	Fabrication method of electronic devices based on carbon nanotube network	29.12.2008
66309	Technologies	200910127458.2	2,0091E+11	CN	An intuitive UI for showing segmented results in continuous touch input	09.03.2009
66309	Technologies	99106758	I526950	TW	An intuitive UI for showing segmented results in continuous touch input	09.03.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
66312	Technologies	12/316602	8284558	US	An assembly method for a mobile phone	15.12.2008
66312	Technologies	13/421972	9055142	US	An assembly method for a mobile phone	16.03.2012
66461	Technologies	201080023274.2	2,0108E+11	CN	Transparent and flexible supercapacitor electrodes enhanced by carbon nanohorns	11.05.2010
66461	Technologies	112010002700.5		DE	Transparent and flexible supercapacitor electrodes enhanced by carbon nanohorns	11.05.2010
66461	Technologies	12/459086		US	Transparent and flexible supercapacitor electrodes enhanced by carbon nanohorns	25.06.2009
66669	Technologies	200980156595.7	2,0098E+11	CN	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	09839923.1	6,02009E+11	DE	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	09839923.1	2396481	GB	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	09839923.1	2396481	NL	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	2013108314		RU	Packaging method for filling material in loudspeaker box	26.02.2013
66669	Technologies	12/378349	8292023	US	Packaging method for filling material in loudspeaker box	13.02.2009
66804	Technologies	200980155495.2	2,0098E+11	CN	Intelligent Interface	02.12.2009
66804	Technologies	09806175.7		EP	Intelligent Interface	02.12.2009
66804	Technologies	5659/DELNP/2011		IN	Intelligent Interface	02.12.2009
66804	Technologies	13/146516	9184944	US	Intelligent Interface	02.12.2009
66900	Technologies	12/397238	9155068	US	Preloading rich parts of the advertisenment to the device by separating ads into decorative and informative parts	03.03.2009
66938	Technologies	201080027147.X	201080027147.X	CN	Packet Retransmission in Mobile Peer-to-Peer Streaming using RTCP & RTSP	19.05.2010
66938	Technologies	12/491186		US	Packet Retransmission in Mobile Peer-to-Peer Streaming using RTCP & RTSP	24.06.2009
66938	Technologies	10791691.8	6,0201E+11	DE	Packet Retransmission in Mobile Peer-to-Peer Streaming using RTCP & RTSP	19.05.2010
66938	Technologies	10791691.8	2446602	ES	Packet Retransmission in Mobile Peer-to-Peer Streaming using RTCP & RTSP	19.05.2010
66938	Technologies	10791691.8	2446602	NL	Packet Retransmission in Mobile Peer-to-Peer Streaming using RTCP & RTSP	19.05.2010
66939	Technologies	10791693.4		EP	Method for selecting P2P Streaming Sources based on the signaling of Buffer Contents	19.05.2010
66939	Technologies	12/491184		US	Method for selecting P2P Streaming Sources based on the signaling of Buffer Contents	24.06.2009
66951	Technologies	2001-348696	3738212	JP	Method for adding personalized metadata to a collection of digital images	14.11.2001
66951	Technologies	09/721222	6629104	US	Method for adding personalized metadata to a collection of digital images	22.11.2000
66951	Technologies	10/635837	7171113	US	Method for adding personalized metadata to a collection of digital images	06.08.2003
66951	Technologies	11/476192	7127164	US	Method for adding personalized metadata to a collection of digital images	27.06.2006
67104	Technologies	12/393664	9210232	US	Adaptive media transfer optimization for push services	26.02.2009
67172	Technologies	PI1012358.0		BR	Memory Instruction buffer in serial DRAM	10.05.2010
67172	Technologies	201080024091.2	2,0108E+11	CN	Memory Instruction buffer in serial DRAM	10.05.2010
67172	Technologies	10783027.5		EP	Memory Instruction buffer in serial DRAM	10.05.2010
67172	Technologies	12/455508	8713248	US	Memory Instruction buffer in serial DRAM	02.06.2009
67173	Technologies	09783136.6		EP	Multi-Channel Cache	17.09.2009
67173	Technologies	13/496649		US	Multi-Channel Cache	17.09.2009
67434	Technologies	12/626742	8229505	US	Secure Portable Mobile Registry	27.11.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
67434	Technologies	13/528719	9069939	US	Secure Portable Mobile Registry	20.06.2012
67439	Technologies	09836127.2		EP	Optimized Quantization Error	28.12.2009
67439	Technologies	98145839	I488054	TW	Optimized Quantization Error	30.12.2009
67439	Technologies	13/142733	9584703	US	Optimized Quantization Error	28.12.2009
67447	Technologies	13/128615	8789035	US	Optimising FOTA	04.11.2009
67447	Technologies	09824481.7		EP	Optimising FOTA	04.11.2009
67548	Technologies	12/677946	9429641	US	Automatic Landmark	09.09.2008
67548	Technologies	08806223.7	6,02008E+11	DE	Automatic Landmark	09.09.2008
67619	Technologies	200680029525.1	2,0068E+11	CN	Multiple power levels	08.08.2006
67619	Technologies	12/063199	8156350	US	Multiple power levels	08.08.2006
67649	Technologies	0414076.0	2403317	GB	Drive Swap	23.06.2004
67649	Technologies	10/561325	7873863	US	Drive Swap	23.06.2004
67826	Technologies	2010240765	2010240765	AU	Using a game service to influence actions in a gaming service	30.03.2010
67826	Technologies	PI1014418.8		BR	Using a game service to influence actions in a gaming service	30.03.2010
67826	Technologies	10766692.7		EP	Using a game service to influence actions in a gaming service	30.03.2010
67826	Technologies	12/428407		US	Using a game service to influence actions in a gaming service	22.04.2009
68131	Technologies	201080028583.9	2,0108E+11	CN	New visualization and management paradigm of privacy in online services	08.04.2010
68131	Technologies	10769371.5		EP	New visualization and management paradigm of privacy in online services	08.04.2010
68406	Technologies	PI1011166.2		BR	Prepaid monetary value stored on a single NFC card shared with multiple users to make purchases across different store fronts	04.05.2010
68406	Technologies	201080022256.2	2,0108E+11	CN	Prepaid monetary value stored on a single NFC card shared with multiple users to make purchases across different store fronts	04.05.2010
68406	Technologies	9137/CHENP/2011		IN	Prepaid monetary value stored on a single NFC card shared with multiple users to make purchases across different store fronts	04.05.2010
68406	Technologies	2011151786	2523184	RU	Prepaid monetary value stored on a single NFC card shared with multiple users to make purchases across different store fronts	04.05.2010
68406	Technologies	2011/9229	2011/09229	ZA	Prepaid monetary value stored on a single NFC card shared with multiple users to make purchases across different store fronts	04.05.2010
68406	Technologies	12/471315	9396603	US	Prepaid monetary value stored on a single NFC card shared with multiple users to make purchases across different store fronts	22.05.2009
68435	Technologies	12/387355	8344959	US	Multiprotocol antenna for complementary wireless systems	30.04.2009
68448	Technologies	201080045655.0	2,0108E+11	CN	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68448	Technologies	10813426.3		EP	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68448	Technologies	2387/CHENP/2012		IN	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68448	Technologies	2012-7009043	1422368	KR	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68448	Technologies	2012113254	2517315	RU	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68448	Technologies	13/394783	9640187	US	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68448	Technologies	1-2012-00862		VN	Filterbank structure for wideband processing of speech signals in speech enhancements	07.09.2010
68451	Technologies	201080045379.8	2,0108E+11	CN	Filterbank structure for full band processing of audio signals	07.09.2010
68451	Technologies	10813401.6		EP	Filterbank structure for full band processing of audio signals	07.09.2010
68451	Technologies	12/877074	9076437	US	Filterbank structure for full band processing of audio signals	07.09.2010

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
68523	Technologies	12/584664	8912961	US	Antenna Radiation Pattern Modification to Improve Receiver Sensitivity	09.09.2009
68556	Technologies	12/493812	8681131	US	Rng Hinge Design	29.06.2009
68556	Technologies	10793689.0	6,0201E+11	DE	Rng Hinge Design	29.06.2010
69101	Technologies	10162497.1	6,0201E+11	DE	Self-packaging black-silicon Li batteries	11.05.2010
69101	Technologies	12/459339	8610100	US	Self-packaging black-silicon Li batteries	30.06.2009
69101	Technologies	201410816641.4		CN	Self-packaging black-silicon Li batteries	24.12.2014
69294	Technologies	12/490838	8290952	US	Fast retrieval of nearby data from bi-dimensional datasets ¿ the unwinding (fractal) spiral model	24.06.2009
69573	Technologies	201080025878.0	2,0108E+11	CN	Multitouch UI accessory for Mobile devices	03.06.2010
69573	Technologies	112010002424.3		DE	Multitouch UI accessory for Mobile devices	03.06.2010
69573	Technologies	12/456178	8947400	US	Multitouch UI accessory for Mobile devices	11.06.2009
69668	Technologies	201080040526.2	2,0108E+11	CN	Self-sustaining nanoelectromechanical oscillators and oscillator arrays	17.08.2010
69668	Technologies	112010005179.8		DE	Self-sustaining nanoelectromechanical oscillators and oscillator arrays	17.08.2010
69668	Technologies	99130477	I549420	TW	Self-sustaining nanoelectromechanical oscillators and oscillator arrays	09.09.2010
69668	Technologies	12/584774	8044738	US	Self-sustaining nanoelectromechanical oscillators and oscillator arrays	10.09.2009
69668	Technologies	12/647839	8084336	US	Self-sustaining nanoelectromechanical oscillators and oscillator arrays	28.12.2009
69717	Technologies	201080051997.3		CN	Handling and recycling carbon nanotubes under risk management, "Nano-trap device"	15.09.2010
69717	Technologies	112010004504.6		DE	Handling and recycling carbon nanotubes under risk management, "Nano-trap device"	15.09.2010
69717	Technologies	12/622897	8784663	US	Handling and recycling carbon nanotubes under risk management, "Nano-trap device"	20.11.2009
69738	Technologies	2776980	2776980	CA	Flexible nano-structured lithium-sulfur battery with enhanced energy density	17.08.2010
69738	Technologies	201080046820.4	2,0108E+11	CN	Flexible nano-structured lithium-sulfur battery with enhanced energy density	17.08.2010
69738	Technologies	10823098.8		EP	Flexible nano-structured lithium-sulfur battery with enhanced energy density	17.08.2010
69738	Technologies	12/579563	9005806	US	Flexible nano-structured lithium-sulfur battery with enhanced energy density	15.10.2009
69802	Technologies	10815036.8		EP	Music Relaying and Mixing in Social Networks	20.08.2010
69802	Technologies	12/556354	8844051	US	Music Relaying and Mixing in Social Networks	09.09.2009
69865	Technologies	12/490191	8635317	US	Managing content in PC, device and service	23.06.2009
69876	Technologies	13/395669		US	User profiles for optimal user experience and usage of (PCM) memory in RF memory tags	11.11.2009
70232	Technologies	201080049749.5	2,0108E+11	CN	Hybrid electrochromic battery based on nano-materials enabling visualization of energy	02.11.2010
70232	Technologies	12/611389	8309242	US	Hybrid electrochromic battery based on nano-materials enabling visualization of energy	03.11.2009
70232	Technologies	16171163.5		EP	Hybrid electrochromic battery based on nano-materials enabling visualization of energy	24.05.2016
70379	Technologies	201080060298.5	2,0108E+11	CN	Multi directional gap optimization in slide concepts	20.10.2010
70379	Technologies	112010005061.9	1,1201E+11	DE	Multi directional gap optimization in slide concepts	20.10.2010
70379	Technologies	12/650284		US	Multi directional gap optimization in slide concepts	30.12.2009
70398	Technologies	12/562037	8908003	US	Document sensing and communication system with conversational agent	17.09.2009
70573	Technologies	12/612517	8301838	US	Flexible cache architecture for large-data mobile client applications	04.11.2009
70606	Technologies	201180008651.X	201180008651.X	CN	Adaptive slide	14.01.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
70606	Technologies	11739434.6		EP	Adaptive slide	14.01.2011
70606	Technologies	12/702183	8725223	US	Adaptive slide	08.02.2010
70612	Technologies	12/606011	8335989	US	Notestream	26.10.2009
70613	Technologies	12/731784	9275376	US	Soft reminders	25.03.2010
70745	Technologies	15/007904		US	Social ovi store	27.01.2016
70757	Technologies	12/655839	8344955	US	Intergated Antenna with E-flex Technology	08.01.2010
70768	Technologies	201080059019.3	2,0108E+11	CN	Triangle concept (Aura)	04.10.2010
70768	Technologies	12/645109	8638302	US	Triangle concept (Aura)	22.12.2009
70768	Technologies	10838730.9	6,0201E+11	DE	Triangle concept (Aura)	04.10.2010
70827	Technologies	10834274.2		EP	Music Discovery	24.11.2010
70827	Technologies	5023/CHENP/2012		IN	Music Discovery	24.11.2010
70827	Technologies	12/631569	8689142	US	Music Discovery	04.12.2009
70871	Technologies	12/945612	9377924	US	FLOATING PLAYBACK QUEUE	12.11.2010
70905	Technologies	10846923.0		EP	Efficient combination of ranging and angular measurements for indoor positioning system	01.03.2010
70905	Technologies	13/581860	9258794	US	Efficient combination of ranging and angular measurements for indoor positioning system	01.03.2010
70905	Technologies	201610029122.2		CN	Efficient combination of ranging and angular measurements for indoor positioning system	15.01.2016
70935	Technologies	12/618752	8335522	US	A method and apparatus for mobile assisted event detection and area-of-interest determination	15.11.2009
70935	Technologies	13/709880	9049605	US	A method and apparatus for mobile assisted event detection and area-of-interest determination	10.12.2012
70937	Technologies	13/516217	9648685	US	Power LED with minimum power waste	18.12.2009
70940	Technologies	12/700899	8519895	US	Keys and key lines used for antenna purpose	05.02.2010
70948	Technologies	2009357597	2009357597	AU	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	112012015945.3		BR	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	2785746	2785746	CA	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	200980163228.X	200980163228.X	CN	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	09852727.8		EP	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	6681/CHENP/2012		IN	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	2012-7019842	1457284	KR	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	NG/C/2012/312	NG/C/2012/312	NG	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	2012132016	2533441	RU	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2009
70948	Technologies	12/982698	8571358	US	A ROI-based image retrieval system with multi-cue searching history analysis and feedback	30.12.2010
70950	Technologies	201080065160.4	2,0108E+11	CN	A novel uplink control signaling transmission scheme in multi-radio communication systems	20.01.2010
70950	Technologies	10843655.1		EP	A novel uplink control signaling transmission scheme in multi-radio communication systems	20.01.2010
70950	Technologies	7216/CHENP/2012		IN	A novel uplink control signaling transmission scheme in multi-radio communication systems	20.01.2010
70950	Technologies	13/522946	9462597	US	A novel uplink control signaling transmission scheme in multi-radio communication systems	20.01.2010
71070	Technologies	201080065509.4	2,0108E+11	CN	Improving indoor positioning performance by discarding mistrusted data	17.03.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
71070	Technologies	10847771.2		EP	Improving indoor positioning performance by discarding mistrusted data	17.03.2010
71070	Technologies	13/634659	9244175	US	Improving indoor positioning performance by discarding mistrusted data	17.03.2010
71113	Technologies	201180017057.7	2,0118E+11	CN	Channel controller for multi-channel cache	25.01.2011
71113	Technologies	11739436.1		EP	Channel controller for multi-channel cache	25.01.2011
71113	Technologies	12/701171	8661200	US	Channel controller for multi-channel cache	05.02.2010
71135	Technologies	5607/CHENP/2012		IN	Simple, On-Device Positioning using Compressed Fingerprint Archives	30.11.2010
71135	Technologies	12/835611	8660577	US	Simple, On-Device Positioning using Compressed Fingerprint Archives	13.07.2010
71135	Technologies	14/151466	9182472	US	Simple, On-Device Positioning using Compressed Fingerprint Archives	09.01.2014
71194	Technologies	200980162696.5	2,0098E+11	CN	Local binary pattern based facial feature localization	31.12.2009
71194	Technologies	09852743.5		EP	Local binary pattern based facial feature localization	31.12.2009
71194	Technologies	13/509784	8917911	US	Local binary pattern based facial feature localization	31.12.2009
71226	Technologies	13/943877	8831652	US	Crowd sourcing Point of Interest and grouping them under area names captured via CBS messages	17.07.2013
71291	Technologies	201080056077.0	2,0108E+11	CN	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	6042/CHENP/2012		IN	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	2012-7017943	1401183	KR	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	12/965766	8510375	US	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	1-2012-01790	15861	VN	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	2012/5088	2012/05088	ZA	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71299	Technologies	201180009251.0	2,0118E+11	CN	Multithreaded video decoding for symmetric multi core processors	27.01.2011
71299	Technologies	11741942.4		EP	Multithreaded video decoding for symmetric multi core processors	27.01.2011
71299	Technologies	336/CHE/2010		IN	Multithreaded video decoding for symmetric multi core processors	11.02.2010
71299	Technologies	13/025611	8873638	US	Multithreaded video decoding for symmetric multi core processors	11.02.2011
71434	Technologies	201080065696.6	2,0108E+11	CN	Flexible age range estimation for targeted services	23.03.2010
71434	Technologies	8873/CHENP/2012		IN	Flexible age range estimation for targeted services	23.03.2010
71434	Technologies	13/634811	9105053	US	Flexible age range estimation for targeted services	23.03.2010
71460	Technologies	10857755.2		EP	Supercapacitor integrated on flexible printed circuit (FPC) structure	28.09.2010
71460	Technologies	100130140	I534845	TW	Supercapacitor integrated on flexible printed circuit (FPC) structure	23.08.2011
71460	Technologies	14/813190	9251966	US	Supercapacitor integrated on flexible printed circuit (FPC) structure	30.07.2015
71465	Technologies	10846026.2	2539730	GB	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	22.02.2010
71465	Technologies	201080064522.8	2,0108E+11	CN	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	22.02.2010
71465	Technologies	10846026.2	2539730	NL	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	22.02.2010
71465	Technologies	7300/CHENP/2012		IN	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	22.02.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
71465	Technologies	10846026.2	6,0201E+11	DE	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	22.02.2010
71465	Technologies	13/580139	9151844	US	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	22.02.2010
71465	Technologies	15150751.4		EP	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	12.01.2015
71465	Technologies	14/632273	9363633	US	Accurate GNSS Time Handling in Dual/Multi-SIM Terminals	26.02.2015
71466	Technologies	201080064626.9	2,0108E+11	CN	Efficient Use of Assistance Data Services in Dual/Multi-SIM Terminals	23.02.2010
71466	Technologies	10846405.8		EP	Efficient Use of Assistance Data Services in Dual/Multi-SIM Terminals	23.02.2010
71466	Technologies	7002/CHENP/2012		IN	Efficient Use of Assistance Data Services in Dual/Multi-SIM Terminals	23.02.2010
71466	Technologies	13/580363	8538418	US	Efficient Use of Assistance Data Services in Dual/Multi-SIM Terminals	23.02.2010
71503	Technologies	201080064129.9	2,0108E+11	CN	System concept for remote radio frequency identification	18.02.2010
71503	Technologies	13/579558	9213872	US	System concept for remote radio frequency identification	18.02.2010
71503	Technologies	10846021.3	6,0201E+11	DE	System concept for remote radio frequency identification	18.02.2010
71503	Technologies	10846021.3	2537120	GB	System concept for remote radio frequency identification	18.02.2010
71503	Technologies	10846021.3	5,02016E+14	IT	System concept for remote radio frequency identification	18.02.2010
71549	Technologies	13/574661	8954452	US	An effective approach for mining the personalized context patterns from mobile device.	04.02.2010
71586	Technologies	201180021406.2	2,0118E+11	CN	a system and method of providing contention resolution of passive end points of the service infrastructure	14.04.2011
71586	Technologies	11774467.2	2564349	ES	a system and method of providing contention resolution of passive end points of the service infrastructure	14.04.2011
71586	Technologies	9965/CHENP/2012		IN	a system and method of providing contention resolution of passive end points of the service infrastructure	14.04.2011
71586	Technologies	11774467.2	2564349	PL	a system and method of providing contention resolution of passive end points of the service infrastructure	14.04.2011
71586	Technologies	2012150128	2550556	RU	a system and method of providing contention resolution of passive end points of the service infrastructure	14.04.2011
71586	Technologies	12/789049	8803661	US	a system and method of providing contention resolution of passive end points of the service infrastructure	27.05.2010
71643	Technologies	12/761572	8754825	US	Control logic for adaptive antenna	16.04.2010
71653	Technologies	201180025025.1	2,0118E+11	CN	Electromechanical tactile feedback	20.04.2011
71653	Technologies	11783132.1		EP	Electromechanical tactile feedback	20.04.2011
71653	Technologies	12/784349	9367150	US	Electromechanical tactile feedback	20.05.2010
71662	Technologies	11762111.0		EP	Error Correction Method for Broadcast/Multicast Reception	04.04.2011
71662	Technologies	12/753547	8489948	US	Error Correction Method for Broadcast/Multicast Reception	02.04.2010
71675	Technologies	12/889956	8661354	US	Magic Window Games and Game Kit using NFC and Mobile Phones	24.09.2010
71675	Technologies	13/211864	8764571	US	Magic Window Games and Game Kit using NFC and Mobile Phones	17.08.2011
71680	Technologies	201080067700.2	2,0108E+11	CN	Adaptation layer for storing and carrying radiomap	27.04.2010
71680	Technologies	10850625.4		EP	Adaptation layer for storing and carrying radiomap	27.04.2010
71680	Technologies	9967/CHENP/2012		IN	Adaptation layer for storing and carrying radiomap	27.04.2010
71680	Technologies	13/642782	9560534	US	Adaptation layer for storing and carrying radiomap	27.04.2010
71708	Technologies	201180021718.3	2,0118E+11	CN	Method for Automatic Red eye detection and correction.	17.03.2011
71708	Technologies	11774463.1		EP	Method for Automatic Red eye detection and correction.	17.03.2011
71708	Technologies	1208/CHE/2010		IN	Method for Automatic Red eye detection and correction.	30.04.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
71708	Technologies	13/099131	8442317	US	Method for Automatic Red eye detection and correction.	02.05.2011
71834	Technologies	13/581312	8824716	US	Hearing Aid Compatibility (HAC) Enhancement	26.02.2010
71885	Technologies	12/770133	8731503	US	Resubmission for invention submission NC71007: Improving RF performance by controlling automatically device's position	29.04.2010
72024	Technologies	2799303	2799303	CA	Frequency tunable radio transmitter for UWB communication systems based on a spin torque oscillator	13.05.2011
72024	Technologies	11780300.7		EP	Frequency tunable radio transmitter for UWB communication systems based on a spin torque oscillator	13.05.2011
72024	Technologies	12/780241	8581672	US	Frequency tunable radio transmitter for UWB communication systems based on a spin torque oscillator	14.05.2010
72046	Technologies	12/768039	8874710	US	System and method for enhanced network discovery	27.04.2010
72077	Technologies	10852801.9	2580934	FR	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	201080067311.X	201080067311.X	CN	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	2580934	NL	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	13/702435	9013279	US	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	2580934	GB	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	6,0201E+11	DE	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	2580934	ES	Power optimization technique for writable passive memory tags	08.06.2010
72086	Technologies	201180036560.7	2,0118E+11	CN	A method to enhance throughput in dynamic multiradio environment	21.06.2011
72086	Technologies	11811883.5		EP	A method to enhance throughput in dynamic multiradio environment	21.06.2011
72086	Technologies	12/843598		US	A method to enhance throughput in dynamic multiradio environment	26.07.2010
72087	Technologies	12/793245	8379855	US	PDCP ciphring for HSPA	03.06.2010
72127	Technologies	11755741.3		EP	Editorial programming tool for Ovi Store	14.02.2011
72127	Technologies	7978/CHENP/2012		IN	Editorial programming tool for Ovi Store	14.02.2011
72127	Technologies	13/582805	9313106	US	Editorial programming tool for Ovi Store	14.02.2011
72131	Technologies	11758878.0		EP	Bundling purchaces in application stores	24.03.2011
72131	Technologies	9079/CHENP/2012		IN	Bundling purchaces in application stores	24.03.2011
72131	Technologies	12/732514		US	Bundling purchaces in application stores	26.03.2010
72131	Technologies	1-2012-02497		VN	Bundling purchaces in application stores	24.03.2011
72136	Technologies	10853160.9		EP	Removing invalid cell data in cell based positioning system	16.06.2010
72136	Technologies	305/CHENP/2013		IN	Removing invalid cell data in cell based positioning system	16.06.2010
72136	Technologies	13/703851	9161237	US	Removing invalid cell data in cell based positioning system	16.06.2010
72251	Technologies	201180037135.X	201180037135.X	CN	Printable energy storage device from novel graphene based solutions	20.04.2011
72251	Technologies	112011102525.4		DE	Printable energy storage device from novel graphene based solutions	20.04.2011
72251	Technologies	12/846569		US	Printable energy storage device from novel graphene based solutions	29.07.2010
72256	Technologies	201080066075.X	201080066075.X	CN	Selection of the method for relative positioning	12.04.2010
72256	Technologies	10849761.1		EP	Selection of the method for relative positioning	12.04.2010
72256	Technologies	W00201204476		ID	Selection of the method for relative positioning	12.04.2010
72256	Technologies	13/640701	9696431	US	Selection of the method for relative positioning	12.04.2010

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
72369	Technologies	11175085.7		EP	UI component to quickly scroll back to the currently playing song in a playlist player	22.07.2011
72369	Technologies	12/847490		US	UI component to quickly scroll back to the currently playing song in a playlist player	30.07.2010
72378	Technologies	201080067756.8	2,0108E+11	CN	Crowd-Sourced Vision- and Sensor-Surveyed Building Database	19.05.2010
72378	Technologies	10851691.5		EP	Crowd-Sourced Vision- and Sensor-Surveyed Building Database	19.05.2010
72378	Technologies	13/697589	9641814	US	Crowd-Sourced Vision- and Sensor-Surveyed Building Database	19.05.2010
72381	Technologies	10853565.9		EP	Method for improving primary signal detection in a cognitive radio system	23.06.2010
72381	Technologies	11241/DELNP/2012		IN	Method for improving primary signal detection in a cognitive radio system	23.06.2010
72381	Technologies	13/703192	8909270	US	Method for improving primary signal detection in a cognitive radio system	23.06.2010
72381	Technologies	201080067696.X	201080067696.X	CN	Method for improving primary signal detection in a cognitive radio system	23.06.2010
72405	Technologies	201180029071.9		CN	System and method for mobile payments using sonic one-time passwords	28.03.2011
72405	Technologies	11768503.2		EP	System and method for mobile payments using sonic one-time passwords	28.03.2011
72405	Technologies	13/078405	9183552	US	System and method for mobile payments using sonic one-time passwords	01.04.2011
72421	Technologies	12/764542		US	Generic Recommendation Extensions for Multi-Application support within ICARUS	21.04.2010
72456	Technologies	2402/CHE/2011		IN	Using Rx Diversity Implementation for DUAL SIM Purposes	13.07.2011
72456	Technologies	14/129681	9705555	US	Using Rx Diversity Implementation for DUAL SIM Purposes	24.05.2012
72543	Technologies	201180037254.5	2,0118E+11	CN	Auto-equaliser	19.07.2011
72543	Technologies	11811885.0		EP	Auto-equaliser	19.07.2011
72599	Technologies	201080067701.7	2,0108E+11	CN	Interactive Picture Collage	28.06.2010
72599	Technologies	10854004.8		EP	Interactive Picture Collage	28.06.2010
72599	Technologies	574/CHENP/2013		IN	Interactive Picture Collage	28.06.2010
72599	Technologies	13/807588		US	Interactive Picture Collage	28.06.2010
72777	Technologies	11795238.2		EP	Collaborative Playlist generator	31.05.2011
72792	Technologies	12/821083	9129333	US	Location Based Gift Giving	22.06.2010
72792	Technologies	14/337964		US	Location Based Gift Giving	22.07.2014
72848	Technologies	201180033593.6	2,0118E+11	CN	Moebius strip	06.07.2011
72848	Technologies	11803221.8		EP	Moebius strip	06.07.2011
72848	Technologies	12/832385	8698737	US	Moebius strip	08.07.2010
72868	Technologies	201180039023.8		CN	Method and apparatus for accurate and computationally efficient red eye detection	17.05.2011
72868	Technologies	11800231.0		EP	Method and apparatus for accurate and computationally efficient red eye detection	17.05.2011
72868	Technologies	1818/CHE/2010		IN	Method and apparatus for accurate and computationally efficient red eye detection	28.06.2010
72868	Technologies	2012-7034361	1454988	KR	Method and apparatus for accurate and computationally efficient red eye detection	17.05.2011
72868	Technologies	2013103431	2547703	RU	Method and apparatus for accurate and computationally efficient red eye detection	17.05.2011
72868	Technologies	13/807551	9355456	US	Method and apparatus for accurate and computationally efficient red eye detection	17.05.2011
72915	Technologies	12/830990	8621656	US	Method for evaluating the safety of a mobile devices context and specifying security settings	06.07.2010
73002	Technologies	2799443	2799443	CA	Method of annotating and displaying content in defined urban structures	10.02.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
73002	Technologies	201180034665.9	2,0118E+11	CN	Method of annotating and displaying content in defined urban structures	10.02.2011
73002	Technologies	11783126.3		EP	Method of annotating and displaying content in defined urban structures	10.02.2011
73002	Technologies	1-2012-502245		PH	Method of annotating and displaying content in defined urban structures	10.02.2011
73002	Technologies	12/780912		US	Method of annotating and displaying content in defined urban structures	16.05.2010
73002	Technologies	2012/9418	2012/9418	ZA	Method of annotating and displaying content in defined urban structures	10.02.2011
73003	Technologies	2799444		CA	Method for using vector-based images from 2D or 3D models to represent urban scapes and improve transitions for navigation between images	10.02.2011
73003	Technologies	201180034805.2		CN	Method for using vector-based images from 2D or 3D models to represent urban scapes and improve transitions for navigation between images	10.02.2011
73003	Technologies	11783128.9		EP	Method for using vector-based images from 2D or 3D models to represent urban scapes and improve transitions for navigation between images	10.02.2011
73003	Technologies	12/780913		US	Method for using vector-based images from 2D or 3D models to represent urban scapes and improve transitions for navigation between images	16.05.2010
73003	Technologies	2012/9416	2012/09416	ZA	Method for using vector-based images from 2D or 3D models to represent urban scapes and improve transitions for navigation between images	10.02.2011
73003	Technologies	15/489293		US	Method for using vector-based images from 2D or 3D models to represent urban scapes and improve transitions for navigation between images	17.04.2017
73028	Technologies	13/822399	9351322	US	NFC Static Tag ¿ NFC usage indication	24.09.2010
73039	Technologies	12/954001	8716603	US	Enhanced radiated and Low loss circuits by utilizing novel PWB manufacturing Technologies	24.11.2010
73122	Technologies	201110339496.1	2,0111E+11	CN	Enhanced Flat Volume Control Method	28.10.2011
73122	Technologies	12/915980	8595624	US	Enhanced Flat Volume Control Method	29.10.2010
73122	Technologies	11183417.2	6,02011E+11	DE	Enhanced Flat Volume Control Method	30.09.2011
73122	Technologies	11183417.2	2447828	GB	Enhanced Flat Volume Control Method	30.09.2011
73238	Technologies	112012031266.9		BR	Method for detecting battery removal	11.06.2010
73238	Technologies	201080067352.9	2,0108E+11	CN	Method for detecting battery removal	11.06.2010
73238	Technologies	10852817.5		EP	Method for detecting battery removal	11.06.2010
73238	Technologies	W00201205164		ID	Method for detecting battery removal	11.06.2010
73238	Technologies	77/CHENP/2013		IN	Method for detecting battery removal	11.06.2010
73238	Technologies	2013102450	2526028	RU	Method for detecting battery removal	11.06.2010
73238	Technologies	13/703201	9239772	US	Method for detecting battery removal	11.06.2010
73238	Technologies	2013/0205	2013/0205	ZA	Method for detecting battery removal	11.06.2010
73263	Technologies	10187235.6	6,0201E+11	DE	Glitch free clock selector	12.10.2010
73263	Technologies	10187235.6	2447805	GB	Glitch free clock selector	12.10.2010
73301	Technologies	13/007710	8610638	US	Feeding FM-TX on a NFC coil (combining NFC & FM-TX antenna).	17.01.2011
73303	Technologies	10/036157	7307636	US	IMAGE FORMAT INCLUDING AFFECTIVE INFORMATION	26.12.2001
73320	Technologies	201080068716.5	2,0108E+11	CN	White Space Device roaming between databases serving distinct areas	24.08.2010
73320	Technologies	10856349.5		EP	White Space Device roaming between databases serving distinct areas	24.08.2010
73320	Technologies	13/818603		US	White Space Device roaming between databases serving distinct areas	24.08.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
73347	Technologies	201110168706.5	2,0111E+11	CN	Nokia battery charging stand	17.06.2011
73347	Technologies	201104455.9	177100	SG	Nokia battery charging stand	17.06.2011
73347	Technologies	13/162317	8680809	US	Nokia battery charging stand	16.06.2011
73386	Technologies	201080069619.8	2,0108E+11	CN	Self-learning signal strength profile	10.09.2010
73386	Technologies	10856909.6		EP	Self-learning signal strength profile	10.09.2010
73386	Technologies	13/821583	9113434	US	Self-learning signal strength profile	10.09.2010
73386	Technologies	14/750572	9560532	US	Self-learning signal strength profile	25.06.2015
73389	Technologies	11826492.8		EP	Web Phone Process Allocation Mechanism	21.09.2011
73389	Technologies	12/888246	9384054	US	Web Phone Process Allocation Mechanism	22.09.2010
73414	Technologies	12/871746		US	Fast panning	30.08.2010
73445	Technologies	09/842474	7072984	US	Method and Apparatus for Appliance Communication	25.04.2001
73445	Technologies	10/693292	7747782	US	Method and Apparatus for Appliance Communication	24.10.2003
73445	Technologies	09/843036	7500188	US	Method and Apparatus for Appliance Communication	25.04.2001
73475	Technologies	201080070025.9	2,0108E+11	CN	Improving indoor positioning capacity by dropping unnecessary data at the positioning beacons	30.09.2010
73475	Technologies	10857762.8		EP	Improving indoor positioning capacity by dropping unnecessary data at the positioning beacons	30.09.2010
73475	Technologies	13/876996	9301089	US	Improving indoor positioning capacity by dropping unnecessary data at the positioning beacons	30.09.2010
73475	Technologies	15/049228	9426619	US	Improving indoor positioning capacity by dropping unnecessary data at the positioning beacons	22.02.2016
73478	Technologies	07380301.7		EP	DETERMINING POSITIONS IN A WIRELESS RADIO SYSTEM	05.11.2007
73478	Technologies	12/741290	8655372	US	DETERMINING POSITIONS IN A WIRELESS RADIO SYSTEM	04.11.2008
73501	Technologies	10859750.1		EP	Identification and discarding of positioning packets corrupted by interference	19.11.2010
73501	Technologies	13/883809	8948238	US	Identification and discarding of positioning packets corrupted by interference	19.11.2010
73502	Technologies	201080070062.X	201080070062.X	CN	Mobile Centric Asset Tracking	29.10.2010
73502	Technologies	10857771.9		EP	Mobile Centric Asset Tracking	29.10.2010
73502	Technologies	13/876985	9148761	US	Mobile Centric Asset Tracking	29.10.2010
73502	Technologies	14/819982	9357353	US	Mobile Centric Asset Tracking	06.08.2015
73514	Technologies	2013114718	2558153	RU	WLAN access point location discovery	13.09.2010
73514	Technologies	13/822674		US	WLAN access point location discovery	13.09.2010
73588	Technologies	201080069167.3	2,0108E+11	CN	Use of Scalable Media Coding in Adaptive HTTP Streaming	20.07.2010
73588	Technologies	13/810876		US	Use of Scalable Media Coding in Adaptive HTTP Streaming	20.07.2010
73588	Technologies	10854980.9	2596633	NL	Use of Scalable Media Coding in Adaptive HTTP Streaming	20.07.2010
73588	Technologies	10854980.9	6,0201E+11	DE	Use of Scalable Media Coding in Adaptive HTTP Streaming	20.07.2010
73588	Technologies	10854980.9	2596633	GB	Use of Scalable Media Coding in Adaptive HTTP Streaming	20.07.2010
73652	Technologies	201080069980.0	2,0108E+11	CN	Methods for efficient certificate revocation list compression	05.11.2010
73652	Technologies	10859206.4		EP	Methods for efficient certificate revocation list compression	05.11.2010
73652	Technologies	13/882812	9083535	US	Methods for efficient certificate revocation list compression	05.11.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
73678	Technologies	201180057693.2	2,0118E+11	CN	Graphene based microstrip phase shifter	06.09.2011
73678	Technologies	11847850.2		EP	Graphene based microstrip phase shifter	06.09.2011
73678	Technologies	12/964673	8803636	US	Graphene based microstrip phase shifter	09.12.2010
73806	Technologies	12/908028	8462734	US	Wireless docking environment optimization method using NFC initiated connectivity	20.10.2010
73806	Technologies	201110321843.8	2,0111E+11	CN	Wireless docking environment optimization method using NFC initiated connectivity	20.10.2011
73826	Technologies	201180060636.X	201180060636.X	CN	Device Based End-User Identification	23.08.2011
73826	Technologies	11835682.3		EP	Device Based End-User Identification	23.08.2011
73826	Technologies	4064/CHENP/2013		IN	Device Based End-User Identification	23.08.2011
73826	Technologies	12/911470		US	Device Based End-User Identification	25.10.2010
73841	Technologies	11180392.0		EP	Automatic multi-user video synthesis and region of interest detection	07.09.2011
73841	Technologies	12/877353	9317598	US	Automatic multi-user video synthesis and region of interest detection	08.09.2010
73841	Technologies	13/012547	8874538	US	Automatic multi-user video synthesis and region of interest detection	24.01.2011
73902	Technologies	13/825364	9319868	US	Fast, Energy-Efficient Detection of State Changes in Localization	23.09.2010
73961	Technologies	13/247585	8600402	US	Method and apparatus for automatic role assignment for multi-user video recording	28.09.2011
74012	Technologies	11852934.6		EP	Securing mobile advertisement delivery by randomly request re-confirmation of reporting with a custom format that is changing permanently	16.12.2011
74012	Technologies	12/982534	9633364	US	Securing mobile advertisement delivery by randomly request re-confirmation of reporting with a custom format that is changing permanently	30.12.2010
74128	Technologies	12/956606	9304942	US	Memory access control in ULS	30.11.2010
74144	Technologies	12/947468		US	Method, apparatus and computer program for cognitive connectivity	16.11.2010
74185	Technologies	12/940677	8599014	US	Monitoring reminders	05.11.2010
74188	Technologies	10860655.9		EP	A significant location identification and recognition engine based on radio signals	17.12.2010
74188	Technologies	13/994899	9313617	US	A significant location identification and recognition engine based on radio signals	17.12.2010
74316	Technologies	13/046016	8749349	US	Intelligent UI sound control based on device's internal UI context	11.03.2011
74359	Technologies	201180054347.9	2,0118E+11	CN	A method for identification and elimination of dark video segments	10.11.2011
74359	Technologies	11840275.9		EP	A method for identification and elimination of dark video segments	10.11.2011
74359	Technologies	4366/CHENP/2013		IN	A method for identification and elimination of dark video segments	10.11.2011
74359	Technologies	13/294729	8565581	US	A method for identification and elimination of dark video segments	11.11.2011
74418	Technologies	13/307924	8848721	US	Triggering logic for queries in ad-hoc mesh network	30.11.2011
74418	Technologies	14/466592	9485673	US	Triggering logic for queries in ad-hoc mesh network	22.08.2014
74418	Technologies	11844793.7	6,02011E+11	DE	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	ES	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	FR	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	GB	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	NL	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74500	Technologies	201280012157.5	2,0128E+11	CN	Surface-acustic-wave graphene radio	07.03.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
74500	Technologies	12754736.2		EP	Surface-acustic-wave graphene radio	07.03.2012
74500	Technologies	13/042894	9153764	US	Surface-acustic-wave graphene radio	08.03.2011
74504	Technologies	11865240.3		EP	Wireless Charging Positioning with Moving Magnet	06.05.2011
74506	Technologies	12846236.3		EP	Always Ready - next generation	02.11.2012
74508	Technologies	5292/CHENP/2013		IN	Service for coupon sharing between customers	10.12.2010
74573	Technologies	13/099685	8930361	US	Cleaning map data and user access log data of map search usage	03.05.2011
74589	Technologies	13/072414	8788369	US	Utilizing user¿s payment transaction history for optimistic payment capture processing	25.03.2011
74605	Technologies	13/100061		US	Policy-based in-application advertisement platform	03.05.2011
74609	Technologies	11857891.3		EP	Audio-assisted positioning and location-based service	03.02.2011
74609	Technologies	13/981748		US	Audio-assisted positioning and location-based service	03.02.2011
74628	Technologies	13/092729	9727879	US	NFC deep store integration	22.04.2011
74681	Technologies	13/099649		US	A system and method of the value transfer with RF memory tag service (e.g. ULS/NFC)	03.05.2011
74696	Technologies	14/003544		US	Improving direction-based indoor positioning by optimally combining 1-D and 2-D angular estimations	08.03.2011
74754	Technologies	11858105.7		EP	A Method to Correct Carrier Frequency Offsets in Switching Antenna Array Receivers	07.02.2011
74754	Technologies	13/982317	9054856	US	A Method to Correct Carrier Frequency Offsets in Switching Antenna Array Receivers	07.02.2011
74843	Technologies	2016-018707		JP	Activity-aware filter for sensor data that optimizes battery life without loss of accuracy	03.02.2016
74843	Technologies	201280007607.1		CN	Activity-aware filter for sensor data that optimizes battery life without loss of accuracy	10.01.2012
74843	Technologies	12741810.1		EP	Activity-aware filter for sensor data that optimizes battery life without loss of accuracy	10.01.2012
74843	Technologies	13/020631		US	Activity-aware filter for sensor data that optimizes battery life without loss of accuracy	03.02.2011
74843	Technologies	2015-7010802		KR	Activity-aware filter for sensor data that optimizes battery life without loss of accuracy	24.04.2015
74893	Technologies	13/073485	9471934	US	System and method for advertizing in 3D mirror worlds with refined building models and publishing control by building owners	28.03.2011
74929	Technologies	13/344975	8935424	US	Method and Apparatus for Signalling Presentation Description Updates in HTTP Streaming	06.01.2012
75012	Technologies	13/077010	9071709	US	Remote/Onsite collaboration using Indirect AR in unprepared outdoor environments	31.03.2011
75019	Technologies	12161740.1		EP	System and method of cognitive radio information sharing and coexistence management	28.03.2012
75019	Technologies	13/075723	8571467	US	System and method of cognitive radio information sharing and coexistence management	30.03.2011
75066	Technologies	13/032309	8667062	US	Methods for preserving privacy in automated meeting scheduling	22.02.2011
75106	Technologies	13/096428		US	Nokia Money Shared box	28.04.2011
75136	Technologies	11863701.6		EP	Reflection control in remote RFID using polarization discrimination	15.04.2011
75186	Technologies	AP/P/2013/007248	AP3764	AP	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2011369809	2011369809	AU	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	112013030366.2		BR	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2834737	2834737	CA	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	03398/2013		CL	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	201180071210.4		CN	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	11866720.3		EP	Connectivity settings sharing via social links	27.05.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
75186	Technologies	W00201305737		ID	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	229624		IL	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	10108/CHENP/2013		IN	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013-7034514	1630505	KR	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013/1685.1	31397	KZ	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	MX/a/13/013784	340010	MX	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	PI2013004184		MY	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	NG/C/2013/081	NG/C/2013/081	NG	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	1-2013-502426	1-2013-502426	PH	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013152336	2574817	RU	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	201308416.5	194944	SG	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	A/201313241	112438	UA	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	14/122728	9288744	US	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	1-2013-03862		VN	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013/09603	2013/09603	ZA	Connectivity settings sharing via social links	27.05.2011
75234	Technologies	13/436136		US	METHOD AND APPARATUS TO REDEEM AN OFFER OR COUPON AT A MERCHANT POINT OF SALE VIA AN NFC PHONE WITHOUT HAVING TO CHANGE ANYTHING AT THE POINT OF SALE AND WITHOUT DEPENDANCY ON A SECURE ELEMENT	30.03.2012
75264	Technologies	13/074281	8527584	US	Multi-mode Recommendation system management in Geo-fenced deployments	29.03.2011
75332	Technologies	12774812.7		EP	Gradually Visible Messages	10.04.2012
75332	Technologies	13/088876		US	Gradually Visible Messages	18.04.2011
75332	Technologies	2013/08598	2013/08598	ZA	Gradually Visible Messages	10.04.2012
75413	Technologies	201280022869.5	2,0128E+11	CN	Graphene picosecond delay device	11.05.2012
75413	Technologies	12784924.8		EP	Graphene picosecond delay device	11.05.2012
75413	Technologies	9706/CHENP/2013		IN	Graphene picosecond delay device	11.05.2012
75413	Technologies	13/107326	8558287	US	Graphene picosecond delay device	13.05.2011
75427	Technologies	12793270.5		EP	Augmenting angle based position estimation with proximity data	01.06.2012
75427	Technologies	14/122817	9383431	US	Augmenting angle based position estimation with proximity data	01.06.2012
75458	Technologies	13/068341	8924337	US	Advanced non-linear acoustic echo control	09.05.2011
75503	Technologies	13/173850	9448761	US	Method and system for enabling remote control for media player	30.06.2011
75506	Technologies	201280033513.1		CN	Automatic detection and handling of Premium services block and double-opt-in in PSMS billing	09.05.2012
75506	Technologies	12785590.6		EP	Automatic detection and handling of Premium services block and double-opt-in in PSMS billing	09.05.2012
75506	Technologies	13/107669	9241265	US	Automatic detection and handling of Premium services block and double-opt-in in PSMS billing	13.05.2011
75538	Technologies	11868541.1		EP	Live Video Sharing with Multimodal Modes	28.06.2011
75538	Technologies	14/123652		US	Live Video Sharing with Multimodal Modes	28.06.2011
75600	Technologies	13/663285	9269000	US	Piece-wise adaptive filtering of physiological signal	29.10.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
75600	Technologies	15/048666		US	Piece-wise adaptive filtering of physiological signal	19.02.2016
75689	Technologies	13/605452	9141618	US	A system and method for reasoning and tracking A/V service (with Nokia cloud)	06.09.2012
75725	Technologies	12819704.3		EP	Mobile Zones	26.07.2012
75725	Technologies	14/233834		US	Mobile Zones	26.07.2012
75835	Technologies	14/342812		US	MI3 LDS chassis/antennas - with multi-sided antennas	09.09.2011
75874	Technologies	201280023563.1		CN	ANDSF information in split UE scenarios	08.05.2012
75874	Technologies	12785693.8		EP	ANDSF information in split UE scenarios	08.05.2012
75874	Technologies	14/117133		US	ANDSF information in split UE scenarios	08.05.2012
75906	Technologies	201280029025.3	2,0128E+11	CN	Soft Battery / SB	06.06.2012
75906	Technologies	12801284.6		EP	Soft Battery / SB	06.06.2012
75906	Technologies	13/160852	9324508	US	Soft Battery / SB	15.06.2011
75958	Technologies	13/280671	8543060	US	Real-time communication transfer with NFC	25.10.2011
75973	Technologies	13/543384	8842792	US	A system and method of close proximity device discovery	06.07.2012
76015	Technologies	14/344186		US	A Dynamic Matching Service in Group Shopping	14.09.2011
76124	Technologies	12811954.2		EP	Data directing for angle based indoor positioning system	29.06.2012
76124	Technologies	14/131714	9609470	US	Data directing for angle based indoor positioning system	29.06.2012
76152	Technologies	11871979.8		EP	Method for Adjusting Transmission Power of Indoor Positioning System	05.09.2011
76152	Technologies	14/240478		US	Method for Adjusting Transmission Power of Indoor Positioning System	05.09.2011
76182	Technologies	13/227513	8644875	US	Adaptive Power Control for SAR Reduction	08.09.2011
76188	Technologies	201280045569.9	2,0128E+11	CN	A stretchable and transparent surface coating as a two-dimensional multiplexed deformation sensor	24.07.2012
76188	Technologies	12822458.1		EP	A stretchable and transparent surface coating as a two-dimensional multiplexed deformation sensor	24.07.2012
76188	Technologies	1196/CHENP/2014		IN	A stretchable and transparent surface coating as a two-dimensional multiplexed deformation sensor	24.07.2012
76188	Technologies	2014-7006227	1573645	KR	A stretchable and transparent surface coating as a two-dimensional multiplexed deformation sensor	24.07.2012
76188	Technologies	101128610	I549294	TW	A stretchable and transparent surface coating as a two-dimensional multiplexed deformation sensor	08.08.2012
76188	Technologies	13/205974	8592888	US	A stretchable and transparent surface coating as a two-dimensional multiplexed deformation sensor	09.08.2011
76192	Technologies	14/362812	9653938	US	Inertial sensor assisted wireless charging	14.12.2011
76266	Technologies	13/275614		US	Transforming Privacy Policies to Auditing Specifications	18.10.2011
76302	Technologies	12831197.4		EP	Automaticly Maintaining a Geopositioning System	23.08.2012
76302	Technologies	13/233905	8977207	US	Automaticly Maintaining a Geopositioning System	15.09.2011
76302	Technologies	14/640885	9479904	US	Automaticly Maintaining a Geopositioning System	06.03.2015
76359	Technologies	12838616.6		EP	Nokia slice	02.10.2012
76359	Technologies	13/251651	9519312	US	Nokia slice	03.10.2011
76368	Technologies	201210387491.0	2,0121E+11	CN	Adaptive awake window	12.10.2012
76368	Technologies	4150/CHE/2012		IN	Adaptive awake window	04.10.2012
76368	Technologies	13/273921	8804589	US	Adaptive awake window	14.10.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
76368	Technologies	12183977.3	6,02012E+11	DE	Adaptive awake window	12.09.2012
76368	Technologies	12183977.3	2582188	GB	Adaptive awake window	12.09.2012
76375	Technologies	11874098.4		EP	A method for pointing accuracy enhancement in remote-RFID	13.10.2011
76375	Technologies	14/350361	9098762	US	A method for pointing accuracy enhancement in remote-RFID	13.10.2011
76378	Technologies	13/184643	8929831	US	Territory domain system	18.07.2011
76397	Technologies	201280056891.1		CN	Method for appstore ecosystem where apps to talk to each other and share revenue	22.08.2012
76397	Technologies	12838095.3		EP	Method for appstore ecosystem where apps to talk to each other and share revenue	22.08.2012
76397	Technologies	3446/CHE/2011		IN	Method for appstore ecosystem where apps to talk to each other and share revenue	04.10.2011
76397	Technologies	14/348053		US	Method for appstore ecosystem where apps to talk to each other and share revenue	22.08.2012
76403	Technologies	11872900.3	6,02011E+11	DE	In-field calibration of the location and orientation parameters of positioning multi-antenna arrays	27.09.2011
76403	Technologies	14/346049		US	In-field calibration of the location and orientation parameters of positioning multi-antenna arrays	27.09.2011
76403	Technologies	11872900.3	2761322	FR	In-field calibration of the location and orientation parameters of positioning multi-antenna arrays	27.09.2011
76403	Technologies	11872900.3	2761322	NL	In-field calibration of the location and orientation parameters of positioning multi-antenna arrays	27.09.2011
76403	Technologies	11872900.3	2761322	GB	In-field calibration of the location and orientation parameters of positioning multi-antenna arrays	27.09.2011
76494	Technologies	12167079.8	6,02012E+11	DE	Host controlled Bluetooth events	08.05.2012
76494	Technologies	201210146321.3	2,0121E+11	CN	Host controlled Bluetooth events	11.05.2012
76494	Technologies	12167079.8	2523482	GB	Host controlled Bluetooth events	08.05.2012
76494	Technologies	13/223536	8965286	US	Host controlled Bluetooth events	01.09.2011
76526	Technologies	13/328238	8990370	US	System and Methods for Collecting and Verifying Places-of-Interest Knowledge through a Crowdsourcing Game	16.12.2011
76526	Technologies	5236/CHE/2012		IN	System and Methods for Collecting and Verifying Places-of-Interest Knowledge through a Crowdsourcing Game	15.12.2012
76526	Technologies	14/622280	9330396	US	System and Methods for Collecting and Verifying Places-of-Interest Knowledge through a Crowdsourcing Game	13.02.2015
76565	Technologies	12714846.8		EP	Negative Radio Environment Learning	15.03.2012
76565	Technologies	14/384384		US	Negative Radio Environment Learning	15.03.2012
76565	Technologies	201280073177.3		CN	Negative Radio Environment Learning	15.03.2012
76580	Technologies	11875005.8		EP	Dynamic Visual Navigation Ranging	02.11.2011
76580	Technologies	14/355161	9335180	US	Dynamic Visual Navigation Ranging	02.11.2011
76623	Technologies	3805/CHE/2011		IN	Automatic Loudness Leveling Without Metadata	08.11.2011
76623	Technologies	14/356678	9509267	US	Automatic Loudness Leveling Without Metadata	31.10.2012
76630	Technologies	201180074413.9		CN	A Bi-Radio Method for Mobile Peer-to-Peer Content Distribution	27.10.2011
76630	Technologies	11874615.5		EP	A Bi-Radio Method for Mobile Peer-to-Peer Content Distribution	27.10.2011
76630	Technologies	14/352688	9686811	US	A Bi-Radio Method for Mobile Peer-to-Peer Content Distribution	27.10.2011
76685	Technologies	13/657945	9495773	US	Crowd-sourced location map segmentation submission framework	23.10.2012
76704	Technologies	14/384087	9319065	US	Embedded RLE for positioning data	15.03.2012
76755	Technologies	13/371708	9501856	US	Cinemagraphs on panoramic maps	13.02.2012
76780	Technologies	15/397335		US	Nokia FaceScreen as a enabler for new ways of intelligent social interaction in television or mobile TV	03.01.2017

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
76780	Technologies	539/CHE/2012		IN	Nokia FaceScreen as a enabler for new ways of intelligent social interaction in television or mobile TV	14.02.2012
76816	Technologies	201280060486.7		CN	Room temperature ionic liquid slurries for high performance flexible batteries	05.12.2012
76816	Technologies	12856072.9		EP	Room temperature ionic liquid slurries for high performance flexible batteries	05.12.2012
76816	Technologies	13/315339	9413032	US	Room temperature ionic liquid slurries for high performance flexible batteries	09.12.2011
76851	Technologies	201180075331.6		CN	Touch to trigger device process	07.12.2011
76851	Technologies	11877033.8		EP	Touch to trigger device process	07.12.2011
76870	Technologies	201280066249.1		CN	Hybrid electrochemical energy harvesting and storage device	07.12.2012
76870	Technologies	12856426.7		EP	Hybrid electrochemical energy harvesting and storage device	07.12.2012
76870	Technologies	13/315489	9490658	US	Hybrid electrochemical energy harvesting and storage device	09.12.2011
76931	Technologies	12854159.6		EP	Enriching Media Segments through Meta-information Block Insertions	17.10.2012
76931	Technologies	13/307483	8687946	US	Enriching Media Segments through Meta-information Block Insertions	30.11.2011
76978	Technologies	14/379976	9294878	US	Apparatus and System for Automated Location Based Services around Public Transportation Systems	29.02.2012
76980	Technologies	201280071678.8		CN	Semi-automatic indoor positioning reference data collection -concept	23.01.2012
76980	Technologies	14/372170		US	Semi-automatic indoor positioning reference data collection -concept	23.01.2012
76980	Technologies	12866822.5	2807876	NL	Semi-automatic indoor positioning reference data collection -concept	23.01.2012
76980	Technologies	12866822.5	6,02012E+11	DE	Semi-automatic indoor positioning reference data collection -concept	23.01.2012
76990	Technologies	101151203	I586192	TW	Smart Internet Access Point control	28.12.2012
76990	Technologies	14/366195		US	Smart Internet Access Point control	02.01.2012
77018	Technologies	13/307479	8812499	US	Context based obfuscation of media through multi-layered segmentation	30.11.2011
77038	Technologies	13/298709	9024576	US	Multi-purpose coil for wireless charging, NFC and HAC	17.11.2011
77062	Technologies	4509/CHE/2011		IN	System and Method of communicating and acting upon photo requests over cloud	22.12.2011
77062	Technologies	13/721914	9167012	US	System and Method of communicating and acting upon photo requests over cloud	20.12.2012
77062	Technologies	14/854560		US	System and Method of communicating and acting upon photo requests over cloud	15.09.2015
77064	Technologies	12856303.8		EP	Direct Graphene Lamination for large area devices and applications	05.12.2012
77064	Technologies	13/314351	9290389	US	Direct Graphene Lamination for large area devices and applications	08.12.2011
77219	Technologies	13/672869	9071966	US	Combining scanning, network discovery and start of authentication in wlan networks	09.11.2012
77255	Technologies	13/439371	9324995	US	3 D nano-porous gyroid structures for electrochemical energy storage devices	04.04.2012
77255	Technologies	13/482377		US	3 D nano-porous gyroid structures for electrochemical energy storage devices	29.05.2012
77255	Technologies	201380029226.8		CN	3 D nano-porous gyroid structures for electrochemical energy storage devices	07.03.2013
77255	Technologies	13772166.8		EP	3 D nano-porous gyroid structures for electrochemical energy storage devices	07.03.2013
77255	Technologies	2015-503905		JP	3 D nano-porous gyroid structures for electrochemical energy storage devices	07.03.2013
77255	Technologies	2014-7030931	1684046	KR	3 D nano-porous gyroid structures for electrochemical energy storage devices	07.03.2013
77338	Technologies	13/449824		US	Method of processing traveled route data for location based games	18.04.2012
77352	Technologies	201180076410.9	2,0118E+11	CN	Variable length ephemeris extension	22.12.2011
77352	Technologies	11878138.4		EP	Variable length ephemeris extension	22.12.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
77352	Technologies	14/364298		US	Variable length ephemeris extension	22.12.2011
77450	Technologies	13/427366	9052208	US	Routing bias according to collaborative need	22.03.2012
77502	Technologies	13/310415		US	Multi-directional Video Capture, Edit and Playback	02.12.2011
77557	Technologies	13755836.7		EP	Stretchable Electrochemical Energy Storage Device	28.01.2013
77557	Technologies	13/408206		US	Stretchable Electrochemical Energy Storage Device	29.02.2012
77557	Technologies	201380019788.4		CN	Stretchable Electrochemical Energy Storage Device	28.01.2013
77592	Technologies	12873663.4		EP	A content-centric scalable data distribution mechanism in Bluetooth Low Energy networks	05.04.2012
77592	Technologies	201280071776.1		CN	A content-centric scalable data distribution mechanism in Bluetooth Low Energy networks	05.04.2012
77592	Technologies	14/385814	9661443	US	A content-centric scalable data distribution mechanism in Bluetooth Low Energy networks	05.04.2012
77660	Technologies	1738/CHE/2012		IN	System and Method of social storage of information over cloud	04.05.2012
77660	Technologies	13/886116		US	System and Method of social storage of information over cloud	02.05.2013
77670	Technologies	201180076375.0		CN	Optimization of standby power consumption in WPC based wireless charging systems	15.12.2011
77670	Technologies	11877542.8		EP	Optimization of standby power consumption in WPC based wireless charging systems	15.12.2011
77670	Technologies	14/362912	9509171	US	Optimization of standby power consumption in WPC based wireless charging systems	15.12.2011
77755	Technologies	13/433952	9721612	US	My Territory: Patching the world of music	29.03.2012
77756	Technologies	13/455803	9696884	US	My Territory: Method for personalizing media streams	25.04.2012
77757	Technologies	13/462363	9078091	US	My Territory: Collaborative music creation	02.05.2012
77758	Technologies	13/443360		US	My Territory: Virtual patch cables	10.04.2012
77759	Technologies	13/431405		US	Nokia City Scene as 3D interface for music discovery and access	27.03.2012
77761	Technologies	13/404469	8872448	US	System and method for the service enabled positioning during controlalble drop of mobile device in order to prevent the damage	24.02.2012
77812	Technologies	201280069999.4		CN	PUCCH Resource Management Mechanism for CoMP Scenario3	02.03.2012
77812	Technologies	12869707.5		EP	PUCCH Resource Management Mechanism for CoMP Scenario3	02.03.2012
77812	Technologies	14/379963	9425931	US	PUCCH Resource Management Mechanism for CoMP Scenario3	02.03.2012
77827	Technologies	14/399511		US	Location Aware Game Difficulty Adaption	16.05.2012
77831	Technologies	13/439334	9362565	US	Rechargeable, all-solid-state textile batteries and energy harvesting device for wearable electronics	04.04.2012
77831	Technologies	13772863.0		EP	Rechargeable, all-solid-state textile batteries and energy harvesting device for wearable electronics	08.03.2013
77831	Technologies	2014-7030943	1755779	KR	Rechargeable, all-solid-state textile batteries and energy harvesting device for wearable electronics	08.03.2013
77831	Technologies	201380026211.6		CN	Rechargeable, all-solid-state textile batteries and energy harvesting device for wearable electronics	08.03.2013
77880	Technologies	13/477512	9037095	US	Radio frequency tracking filter	22.05.2012
77905	Technologies	13/735413		US	Coordination of Discovery Responses	07.01.2013
77941	Technologies	13/357781	8929192	US	Bluetooth Low Energy Link Layer Support for Broadcast Data Signing	25.01.2012
77941	Technologies	13740659.1	2807498	GB	Bluetooth Low Energy Link Layer Support for Broadcast Data Signing	24.01.2013
77941	Technologies	13740659.1	2807498	FR	Bluetooth Low Energy Link Layer Support for Broadcast Data Signing	24.01.2013
77941	Technologies	13740659.1	6,02013E+11	DE	Bluetooth Low Energy Link Layer Support for Broadcast Data Signing	24.01.2013
77941	Technologies	13740659.1	2807498	NL	Bluetooth Low Energy Link Layer Support for Broadcast Data Signing	24.01.2013

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
78049	Technologies	14/375639	9576590	US	An adaptive post-filtering method for telephone speech	24.02.2012
78088	Technologies	201380013556.8		CN	Marley wireless charging feature	13.03.2013
78088	Technologies	13760705.7		EP	Marley wireless charging feature	13.03.2013
78088	Technologies	2014-557103	5890915	JP	Marley wireless charging feature	13.03.2013
78088	Technologies	2014135565	2587933	RU	Marley wireless charging feature	13.03.2013
78088	Technologies	13/418471	9184619	US	Marley wireless charging feature	13.03.2012
78088	Technologies	7210/CHENP/2014		IN	Marley wireless charging feature	13.03.2013
78146	Technologies	13816409.0		EP	"I was there too": automatically determining relevant media recommendations based on user interaction	18.06.2013
78146	Technologies	201380045983.4		CN	"I was there too": automatically determining relevant media recommendations based on user interaction	18.06.2013
78165	Technologies	13/463510		US	Method for providing accurate customer testimonials for products in online shops	03.05.2012
78176	Technologies	13/440001		US	Service for Director¿s Cut Director rules	05.04.2012
78183	Technologies	14/396472		US	Easy and trusted sharing of private WLAN access point credentials	26.04.2012
78183	Technologies	12875229.2		EP	Easy and trusted sharing of private WLAN access point credentials	26.04.2012
78214	Technologies	14/381688	9344204	US	An adaptive relaying solution for data distribution in wireless networks	05.04.2012
78233	Technologies	12727387.8		EP	Handover based on radio fingerprinting and history data	22.05.2012
78233	Technologies	14/395402	9565609	US	Handover based on radio fingerprinting and history data	22.05.2012
78233	Technologies	201280073442.8		CN	Handover based on radio fingerprinting and history data	22.05.2012
78254	Technologies	201380017739.7	2,0138E+11	CN	Reverse Touch	28.01.2013
78254	Technologies	13770158.7		EP	Reverse Touch	28.01.2013
78254	Technologies	P00201405306		ID	Reverse Touch	28.01.2013
78254	Technologies	13/435085	8879993	US	Reverse Touch	30.03.2012
78273	Technologies	13/855228		US	Mechanism for Remote Management of Consumer Devices utilizing HTTP and RESTful transactions	02.04.2013
78279	Technologies	14/408951		US	Categorization of Significant Places by Leveraging Context Information	28.06.2012
78372	Technologies	13/483851	9702963	US	High Accuracy Indoor Locationing with moving locationing directional transceiver for finding unknown location tags	30.05.2012
78372	Technologies	13796637.0		EP	High Accuracy Indoor Locationing with moving locationing directional transceiver for finding unknown location tags	24.05.2013
78387	Technologies	13777973.2		EP	Aalto sales package	17.04.2013
78387	Technologies	13/450714	8607987	US	Aalto sales package	19.04.2012
78423	Technologies	201380024439.1		CN	Robust BIF interrupt handling against contact breaks	14.02.2013
78423	Technologies	13760302.3		EP	Robust BIF interrupt handling against contact breaks	14.02.2013
78423	Technologies	13/418414	9015393	US	Robust BIF interrupt handling against contact breaks	13.03.2012
78434	Technologies	14/391406		US	Sharing of access point credentials	26.04.2012
78478	Technologies	12877697.8		EP	Automatic calibration of angle based positioning system	30.05.2012
78478	Technologies	14/401645		US	Automatic calibration of angle based positioning system	30.05.2012
78505	Technologies	13/458025		US	Deformation limit control of the bendable device	27.04.2012
78505	Technologies	1-2014-03831		VN	Deformation limit control of the bendable device	19.10.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
78505	Technologies	1-2014-502390		PH	Deformation limit control of the bendable device	19.10.2012
78505	Technologies	201280072702.X		CN	Deformation limit control of the bendable device	19.10.2012
78505	Technologies	12875023.9		EP	Deformation limit control of the bendable device	19.10.2012
78518	Technologies	201380047012.3		CN	Private identification of public messages origin in an ad-hoc mesh network	17.06.2013
78518	Technologies	13816700.2		EP	Private identification of public messages origin in an ad-hoc mesh network	17.06.2013
78518	Technologies	13/547512	9210578	US	Private identification of public messages origin in an ad-hoc mesh network	12.07.2012
78585	Technologies	201380038087.5	2,0138E+11	CN	Thin film protected packaging embedded copper current collector for low ESR supercapacitors and batteries	15.04.2013
78585	Technologies	13791548.4		EP	Thin film protected packaging embedded copper current collector for low ESR supercapacitors and batteries	15.04.2013
78585	Technologies	13/475190	9099252	US	Thin film protected packaging embedded copper current collector for low ESR supercapacitors and batteries	18.05.2012
78646	Technologies	14/423350	9699581	US	Detection of a microphone that does not provide valid data	10.09.2012
78646	Technologies	12884130.1		EP	Detection of a microphone that does not provide valid data	10.09.2012
78646	Technologies	15/613844		US	Detection of a microphone that does not provide valid data	05.06.2017
78686	Technologies	201380052182.0		CN	Local Service Mashups	26.09.2013
78686	Technologies	13845735.3		EP	Local Service Mashups	26.09.2013
78686	Technologies	13/646794		US	Local Service Mashups	08.10.2012
78692	Technologies	13/455561		US	Method to seamlessly use wireless charging	25.04.2012
78719	Technologies	201280074972.4		CN	A method to extend frequency band of existing wireless equipment	30.07.2012
78732	Technologies	13848321.9		EP	Bendable device mechanism	10.07.2013
78732	Technologies	13/657203	9158332	US	Bendable device mechanism	22.10.2012
78742	Technologies	2015-525950	6029755	JP	Network assisted cloud service	08.08.2012
78742	Technologies	201280075159.9		CN	Network assisted cloud service	08.08.2012
78742	Technologies	12882619.5		EP	Network assisted cloud service	08.08.2012
78742	Technologies	14/420131		US	Network assisted cloud service	08.08.2012
78763	Technologies	12877034.4		EP	System and Method of carrying out Coupon Negotiation over mobile service	15.05.2012
78763	Technologies	14/398196		US	System and Method of carrying out Coupon Negotiation over mobile service	15.05.2012
78763	Technologies	201280073191.3		CN	System and Method of carrying out Coupon Negotiation over mobile service	15.05.2012
78765	Technologies	12876744.9		EP	Asynchronous and thin connectivity Coupon Redemption Device and Service	15.05.2012
78765	Technologies	14/398287		US	Asynchronous and thin connectivity Coupon Redemption Device and Service	15.05.2012
78765	Technologies	201280073207.0		CN	Asynchronous and thin connectivity Coupon Redemption Device and Service	15.05.2012
78783	Technologies	201310181837.6	2,0131E+11	CN	Controlling access to network resources based on both the detected proximity and social relationship	16.05.2013
78783	Technologies	13164831.3		EP	Controlling access to network resources based on both the detected proximity and social relationship	23.04.2013
78783	Technologies	2013-0055660	1481265	KR	Controlling access to network resources based on both the detected proximity and social relationship	16.05.2013
78783	Technologies	13/472638	8818276	US	Controlling access to network resources based on both the detected proximity and social relationship	16.05.2012
78787	Technologies	13/482363	9244150	US	Audio based location positioning to grids	29.05.2012
78787	Technologies	14/946966	9557401	US	Audio based location positioning to grids	20.11.2015

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
78801	Technologies	13/590724		US	Flexible battery form factors	21.08.2012
78801	Technologies	13830465.4		EP	Flexible battery form factors	13.08.2013
78801	Technologies	2015-527948		JP	Flexible battery form factors	13.08.2013
78801	Technologies	1-2015-00641		VN	Flexible battery form factors	13.08.2013
78801	Technologies	2015-7007192	1720889	KR	Flexible battery form factors	13.08.2013
78801	Technologies	201380054809.6	2,0138E+11	CN	Flexible battery form factors	13.08.2013
78806	Technologies	12877975.8	2856832	NL	A method for Adaptive Device Discovery in Bluetooth Low Energy Networks with Large Number of Advertiser Devices	01.06.2012
78806	Technologies	12877975.8	6,02012E+11	DE	A method for Adaptive Device Discovery in Bluetooth Low Energy Networks with Large Number of Advertiser Devices	01.06.2012
78806	Technologies	201280074705.7		CN	A method for Adaptive Device Discovery in Bluetooth Low Energy Networks with Large Number of Advertiser Devices	01.06.2012
78806	Technologies	14/401525	9232384	US	A method for Adaptive Device Discovery in Bluetooth Low Energy Networks with Large Number of Advertiser Devices	01.06.2012
78837	Technologies	13/585546	9390091	US	Generating entertaining cross-media summaries of status messages in social networking services	14.08.2012
78863	Technologies	13/564442		US	Promotions delivery on navigational devices	01.08.2012
78910	Technologies	201310233562.6	2,0131E+11	CN	Configuring EPS signaling radio bearer in a heterogeneous network	13.06.2013
78910	Technologies	13170798.6		EP	Configuring EPS signaling radio bearer in a heterogeneous network	06.06.2013
78910	Technologies	13/913729	9241273	US	Configuring EPS signaling radio bearer in a heterogeneous network	10.06.2013
78912	Technologies	12189187.3		EP	Joystick	19.10.2012
78912	Technologies	14/057711		US	Joystick	18.10.2013
78917	Technologies	14/667003		US	Terminal side power loss detection for wireless charging	25.09.2012
78935	Technologies	12880158.6		EP	Methods for modeling cinematic styles for improving automatic crowdsourced media editing	29.06.2012
78935	Technologies	14/408213		US	Methods for modeling cinematic styles for improving automatic crowdsourced media editing	29.06.2012
78952	Technologies	201310226185.3	2,0131E+11	CN	Touch to unselect	07.06.2013
78952	Technologies	13165068.1		EP	Touch to unselect	24.04.2013
78952	Technologies	13/491021	9042823	US	Touch to unselect	07.06.2012
78952	Technologies	2013/04110	2013/04110	ZA	Touch to unselect	05.06.2013
78998	Technologies	13/542093	9170804	US	Improved binary update of compressed file via decompression and delta encoding of decompressed parts	05.07.2012
78998	Technologies	14/881510	9594764	US	Improved binary update of compressed file via decompression and delta encoding of decompressed parts	13.10.2015
79029	Technologies	14/432552		US	An SNS Advertising Strategy based on Spread Simulation	08.10.2012
79029	Technologies	12886487.3		EP	An SNS Advertising Strategy based on Spread Simulation	08.10.2012
79029	Technologies	201280077455.2		CN	An SNS Advertising Strategy based on Spread Simulation	08.10.2012
79035	Technologies	13/621514		US	Targeted advertising based on user profile, temporal, spatial and social information	17.09.2012
79042	Technologies	13/538341	9068839	US	Visual Locationing with 3D City Models.	29.06.2012
79047	Technologies	12880961.3		EP	Phone Number Based Identification for Bluetooth Low Energy Devices	13.07.2012
79047	Technologies	14/414416		US	Phone Number Based Identification for Bluetooth Low Energy Devices	13.07.2012
79050	Technologies	13/591791	9628979	US	Enhanced Bluetooth Inquiry/Page scan	22.08.2012
79052	Technologies	13/657341	9158334	US	Shape shifting bendable device	22.10.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
79122	Technologies	12883832.3	2891372	GB	Improving positioning system capacity by adding RX delay	31.08.2012
79122	Technologies	12883832.3	2891372	FR	Improving positioning system capacity by adding RX delay	31.08.2012
79122	Technologies	12883832.3	2891372	NL	Improving positioning system capacity by adding RX delay	31.08.2012
79122	Technologies	12883832.3	6,02012E+11	DE	Improving positioning system capacity by adding RX delay	31.08.2012
79122	Technologies	12883832.3	2891372	EP	Improving positioning system capacity by adding RX delay	31.08.2012
79122	Technologies	14/421705	9674652	US	Improving positioning system capacity by adding RX delay	31.08.2012
79122	Technologies	201280076671.5		CN	Improving positioning system capacity by adding RX delay	31.08.2012
79180	Technologies	14/414754		US	Method and apparatus for positioning enhancement	07.08.2012
79230	Technologies	13/719863		US	Spatial seeking in media files	19.12.2012
79263	Technologies	13/588138	9202639	US	Surface treatment of charge collectors with metallic gyroid structures for flexible batteries, supercapacitors and integrated charge collectors in flexible printed circuit (FPC)	17.08.2012
79263	Technologies	13879567.9		EP	Surface treatment of charge collectors with metallic gyroid structures for flexible batteries, supercapacitors and integrated charge collectors in flexible printed circuit (FPC)	07.08.2013
79263	Technologies	1-2015-00852		VN	Surface treatment of charge collectors with metallic gyroid structures for flexible batteries, supercapacitors and integrated charge collectors in flexible printed circuit (FPC)	07.08.2013
79263	Technologies	201380054031.9	2,0138E+11	CN	Surface treatment of charge collectors with metallic gyroid structures for flexible batteries, supercapacitors and integrated charge collectors in flexible printed circuit (FPC)	07.08.2013
79283	Technologies	201280077097.5		CN	A protocol to resolve synchronization conflicts when synchronizing between multiple devices	18.09.2012
79283	Technologies	2015-531654	6041991	JP	A protocol to resolve synchronization conflicts when synchronizing between multiple devices	18.09.2012
79283	Technologies	14/428910		US	A protocol to resolve synchronization conflicts when synchronizing between multiple devices	18.09.2012
79514	Technologies	12886121.8		EP	Direction Finding Assisted Audio System	02.10.2012
79514	Technologies	14/432995	9699586	US	Direction Finding Assisted Audio System	02.10.2012
79514	Technologies	201280077434.0		CN	Direction Finding Assisted Audio System	02.10.2012
79587	Technologies	13/670742	9564776	US	Alignment aid magnet recognition for wireless charging control	07.11.2012
79621	Technologies	14/420992		US	System and Method Assigning and Using Hot Keys for temporal Advertisements on Mobile Devices	11.02.2015
79621	Technologies	4103/CHE/2012		IN	System and Method Assigning and Using Hot Keys for temporal Advertisements on Mobile Devices	01.10.2012
79654	Technologies	12883682.2		EP	A method for mobile device to inform and detect cellular unavailability	31.08.2012
79654	Technologies	14/422820	9544713	US	A method for mobile device to inform and detect cellular unavailability	31.08.2012
79654	Technologies	201280076354.3		CN	A method for mobile device to inform and detect cellular unavailability	31.08.2012
79690	Technologies	13/651991		US	Using CPT to manage Store As a Collection	15.10.2012
79742	Technologies	14/443331	9609471	US	System and Method of Location Abstracted dissemination of POIs	30.10.2013
79854	Technologies	14/427913		US	A mirrored-world framework for interactive crowd sourced remix consumption	14.09.2012
79881	Technologies	13/602492	9258712	US	Providing network access utilizing NFC tags, QR codes, or similar	04.09.2012
79896	Technologies	14/436036	9445222	US	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	2915363	ES	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	201280076698.4		CN	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	6,02012E+11	DE	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
79896	Technologies	12887428.6	2915363	FR	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	2915363	GB	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	2915363	NL	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79906	Technologies	14/653093		US	Unequal Error Protection in Wireless Memory tags	18.12.2012
79944	Technologies	13870874.8		EP	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	14/650717		US	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	2015-552145		JP	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	201380070052.X	201380070052.X	CN	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	112015016301.7		BR	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	2015-7021381		KR	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	4755/CHENP/2015		IN	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	2015130846	2619263	RU	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79976	Technologies	12818675.6		EP	Limited RRC connection re-establishment	05.10.2012
79976	Technologies	14/433470		US	Limited RRC connection re-establishment	05.10.2012
79998	Technologies	13/667457	9380979	US	Stretch-Sense A transparent and ultra-sensitive capacitive pressure sensor using a nanostructured block copolymer dielectric	02.11.2012
79998	Technologies	13850450.1		EP	Stretch-Sense A transparent and ultra-sensitive capacitive pressure sensor using a nanostructured block copolymer dielectric	28.10.2013
79998	Technologies	201380056649.9		CN	Stretch-Sense A transparent and ultra-sensitive capacitive pressure sensor using a nanostructured block copolymer dielectric	28.10.2013
79998	Technologies	2015-540186	6049898	JP	Stretch-Sense A transparent and ultra-sensitive capacitive pressure sensor using a nanostructured block copolymer dielectric	28.10.2013
80017	Technologies	13/684860	9042828	US	Low power wireless discovery method	26.11.2012
80192	Technologies	14/440295	9572075	US	Coordinated UE handover control in a heterogeneous network	09.11.2012
80192	Technologies	201280077725.X		CN	Coordinated UE handover control in a heterogeneous network	09.11.2012
80250	Technologies	2015-552116	6100919	JP	Graphene oxide-based integrated humidity and temperature sensor	04.12.2013
80250	Technologies	201380069951.8		CN	Graphene oxide-based integrated humidity and temperature sensor	04.12.2013
80250	Technologies	13871254.2		EP	Graphene oxide-based integrated humidity and temperature sensor	04.12.2013
80250	Technologies	13/739518	9080928	US	Graphene oxide-based integrated humidity and temperature sensor	11.01.2013
80272	Technologies	2015-543488	6017700	JP	Ultra Thin Wireless Charging Receiver	29.11.2012
80272	Technologies	201280077338.6		CN	Ultra Thin Wireless Charging Receiver	29.11.2012
80272	Technologies	14/647394		US	Ultra Thin Wireless Charging Receiver	29.11.2012
80272	Technologies	12889043.1		EP	Ultra Thin Wireless Charging Receiver	29.11.2012
80272	Technologies	1-2015-501188		PH	Ultra Thin Wireless Charging Receiver	29.11.2012
80272	Technologies	P00201503753		ID	Ultra Thin Wireless Charging Receiver	29.11.2012
80358	Technologies	201310576719.5		CN	Temporal stabilization of video control algorithms	18.11.2013
80358	Technologies	13191488.9		EP	Temporal stabilization of video control algorithms	05.11.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
80358	Technologies	5265/CHE/2013		IN	Temporal stabilization of video control algorithms	15.11.2013
80358	Technologies	2013-0140013	1572323	KR	Temporal stabilization of video control algorithms	18.11.2013
80358	Technologies	14/063575	9041864	US	Temporal stabilization of video control algorithms	25.10.2013
80393	Technologies	14/442767		US	UL Channel access enhancement for multipath data exchange	07.12.2012
80420	Technologies	14/440008		US	Proxy Accessing for Bluetooth Low Energy	07.11.2012
80420	Technologies	12888043.2		EP	Proxy Accessing for Bluetooth Low Energy	07.11.2012
80420	Technologies	201280077786.6		CN	Proxy Accessing for Bluetooth Low Energy	07.11.2012
80425	Technologies	12889727.9		EP	Universal Compass	07.12.2012
80425	Technologies	14/648213		US	Universal Compass	07.12.2012
80474	Technologies	13700867.8		EP	Offline quality assurance of orbits and clock prediction	14.01.2013
80474	Technologies	14/759484		US	Offline quality assurance of orbits and clock prediction	14.01.2013
80485	Technologies	13187327.5		EP	sales package powers up device when box is opened	04.10.2013
80518	Technologies	201280078148.6		CN	Adding voice services in Bluetooth Low Energy technology	19.11.2012
80518	Technologies	14/443563		US	Adding voice services in Bluetooth Low Energy technology	19.11.2012
80518	Technologies	12888603.3		EP	Adding voice services in Bluetooth Low Energy technology	19.11.2012
80550	Technologies	14/655431		US	Using the RxTA grid in Cell Modeling	11.01.2013
80605	Technologies	5087/CHENP/2015		IN	Robust mobility including shared local nodes	24.01.2013
80605	Technologies	14/761424		US	Robust mobility including shared local nodes	24.01.2013
80605	Technologies	201380071251.2		CN	Robust mobility including shared local nodes	24.01.2013
80605	Technologies	2015-554002		JP	Robust mobility including shared local nodes	24.01.2013
80671	Technologies	12889425.0		EP	Generic beacon coordinate information in BT LE ADV Broadcast	07.12.2012
80671	Technologies	14/648235	9609582	US	Generic beacon coordinate information in BT LE ADV Broadcast	07.12.2012
80672	Technologies	12889705.5		EP	Multilingual position information broadcasting in BT LE advertising channel	07.12.2012
80672	Technologies	14/648585		US	Multilingual position information broadcasting in BT LE advertising channel	07.12.2012
80673	Technologies	12889621.4		EP	Location trigger events in BT LE advertising channel broadcast	07.12.2012
80673	Technologies	14/649432	9615214	US	Location trigger events in BT LE advertising channel broadcast	07.12.2012
80674	Technologies	12889722.0		EP	Autonomous Emergency Navigation Service using BT LE advertising channel broadcast	07.12.2012
80674	Technologies	14/648867	9622040	US	Autonomous Emergency Navigation Service using BT LE advertising channel broadcast	07.12.2012
80691	Technologies	201310690508.4	2,01311E+11	CN	Touch to activate service level connection	16.12.2013
80691	Technologies	13/734243	9042829	US	Touch to activate service level connection	04.01.2013
80701	Technologies	13/831023	9258435	US	Instant social camera with nearby users	14.03.2013
80703	Technologies	13/857688	9558559	US	Automatic video augmentation based on global 3D camera poses	05.04.2013
80703	Technologies	14/015610	9699375	US	Automatic video augmentation based on global 3D camera poses	30.08.2013
80703	Technologies	14780308.4		EP	Automatic video augmentation based on global 3D camera poses	06.03.2014
80720	Technologies	13/788635		US	Accessing digital items across multiple displays	07.03.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
80720	Technologies	14759519.3		EP	Accessing digital items across multiple displays	20.02.2014
80752	Technologies	201410048966.2	2,0141E+11	CN	Integrated Transformer Balun with Enhanced Common-Mode Rejection	12.02.2014
80752	Technologies	14153896.7		EP	Integrated Transformer Balun with Enhanced Common-Mode Rejection	05.02.2014
80752	Technologies	13/766158	9330832	US	Integrated Transformer Balun with Enhanced Common-Mode Rejection	13.02.2013
80770	Technologies	14/762164	9633241	US	Methods for proximity tag connection interval configurations.	15.02.2013
80770	Technologies	201380073051.0		CN	Methods for proximity tag connection interval configurations.	15.02.2013
80770	Technologies	13874898.3		EP	Methods for proximity tag connection interval configurations.	15.02.2013
80921	Technologies	13876703.3		EP	Inductive Proximity Wake-up For Wireless Charging	27.02.2013
80921	Technologies	14/765708		US	Inductive Proximity Wake-up For Wireless Charging	27.02.2013
80921	Technologies	201380073752.4		CN	Inductive Proximity Wake-up For Wireless Charging	27.02.2013
80921	Technologies	2015-558517		JP	Inductive Proximity Wake-up For Wireless Charging	27.02.2013
80966	Technologies	2015-560514	6146832	JP	Handover management in case of Device-to-Device communications	08.03.2013
80966	Technologies	13877130.8		EP	Handover management in case of Device-to-Device communications	08.03.2013
80966	Technologies	201380075879.X		CN	Handover management in case of Device-to-Device communications	08.03.2013
80966	Technologies	14/773302		US	Handover management in case of Device-to-Device communications	08.03.2013
81003	Technologies	13/734069	9706383	US	Configuring and operating device Wi-Fi hotspot remotely	04.01.2013
81020	Technologies	201410077018.1		CN	Tablet WLC Device Cover	04.03.2014
81020	Technologies	13198256.3		EP	Tablet WLC Device Cover	19.12.2013
81030	Technologies	14/759269		US	Blacklisting BSSID ranges based on the positioning data	11.01.2013
81030	Technologies	13706729.4		EP	Blacklisting BSSID ranges based on the positioning data	11.01.2013
81036	Technologies	14/760624	9544740	US	Method for orienting the smartphone display and estimating the direction of travel of a pedestrian	18.01.2013
81036	Technologies	13702168.9		EP	Method for orienting the smartphone display and estimating the direction of travel of a pedestrian	18.01.2013
81072	Technologies	201380076480.3		CN	Piezoelectric Graphene Filter	11.03.2013
81072	Technologies	14/774471		US	Piezoelectric Graphene Filter	11.03.2013
81072	Technologies	13877847.7		EP	Piezoelectric Graphene Filter	11.03.2013
81072	Technologies	2015-562270		JP	Piezoelectric Graphene Filter	11.03.2013
81093	Technologies	15/259577		US	Bluetooth inquiry procedure enhancement	08.09.2016
81093	Technologies	13/747836	9258694	US	Bluetooth inquiry procedure enhancement	23.01.2013
81099	Technologies	13870941.5		EP	Transmit based calibration matrix processing	10.01.2013
81099	Technologies	14/759609	9647868	US	Transmit based calibration matrix processing	10.01.2013
81099	Technologies	201380073722.3		CN	Transmit based calibration matrix processing	10.01.2013
81229	Technologies	13/735423	8988992	US	Contention Spread for CSMA	07.01.2013
81246	Technologies	13875568.1		EP	Device cover detection to enable performance normalization	20.02.2013
81246	Technologies	201380073526.6		CN	Device cover detection to enable performance normalization	20.02.2013
81246	Technologies	14/767940	9560183	US	Device cover detection to enable performance normalization	20.02.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
81246	Technologies	2015-558514		JP	Device cover detection to enable performance normalization	20.02.2013
81326	Technologies	13/887584		US	Remote sensor - resubmission of NC 79829	06.05.2013
81326	Technologies	7420/CHENP/2015		IN	Remote sensor - resubmission of NC 79829	02.05.2014
81326	Technologies	14794241.1		EP	Remote sensor - resubmission of NC 79829	02.05.2014
81326	Technologies	201480037353.7		CN	Remote sensor - resubmission of NC 79829	02.05.2014
81383	Technologies	13/857766	9100772	US	method for user-friendly configuration of multi-display video presentation	05.04.2013
81383	Technologies	14/810059	9582242	US	method for user-friendly configuration of multi-display video presentation	27.07.2015
81383	Technologies	14779715.3		EP	method for user-friendly configuration of multi-display video presentation	28.03.2014
81383	Technologies	201480019764.3		CN	method for user-friendly configuration of multi-display video presentation	28.03.2014
81414	Technologies	13878655.3		EP	Application Recommendation via BLE	20.03.2013
81414	Technologies	201380074876.4		CN	Application Recommendation via BLE	20.03.2013
81414	Technologies	14/768750		US	Application Recommendation via BLE	20.03.2013
81438	Technologies	13870996.9		EP	Positioning Beacon Calibration Data Delivery Method	10.01.2013
81438	Technologies	14/758559	9654992	US	Positioning Beacon Calibration Data Delivery Method	10.01.2013
81438	Technologies	201380069945.2		CN	Positioning Beacon Calibration Data Delivery Method	10.01.2013
81444	Technologies	13/862037		US	Combine Slam with Photobeamer	12.04.2013
81452	Technologies	13719606.9		EP	WLAN AP neighbor list for location outlier and AP movement detection	21.02.2013
81452	Technologies	14/764872		US	WLAN AP neighbor list for location outlier and AP movement detection	21.02.2013
81452	Technologies	201380073439.0		CN	WLAN AP neighbor list for location outlier and AP movement detection	21.02.2013
81454	Technologies	14/779442		US	Locally Unique BSSID for WLAN Offline Radiomaps	26.03.2013
81454	Technologies	13722837.5		EP	Locally Unique BSSID for WLAN Offline Radiomaps	26.03.2013
81455	Technologies	14/894479		US	Apparatus and Methods for Transmitter with Synchronous Dual Bias Modulation Power Amplifier	29.05.2013
81455	Technologies	13886093.7		EP	Apparatus and Methods for Transmitter with Synchronous Dual Bias Modulation Power Amplifier	29.05.2013
81503	Technologies	14761012.5		EP	System for water protection	12.02.2014
81503	Technologies	201480017938.2		CN	System for water protection	12.02.2014
81503	Technologies	1-2015-501959		PH	System for water protection	12.02.2014
81503	Technologies	13/783754	9042075	US	System for water protection	04.03.2013
81727	Technologies	14/762195		US	Fast and accurate proximity between Bluetooth Low Energy devices	15.02.2013
81727	Technologies	13875057.5		EP	Fast and accurate proximity between Bluetooth Low Energy devices	15.02.2013
81778	Technologies	103111461	I538815	TW	Structured LOCA Lamination	27.03.2014
81778	Technologies	13/852511	9051493	US	Structured LOCA Lamination	28.03.2013
81778	Technologies	14774454.4		EP	Structured LOCA Lamination	12.02.2014
81797	Technologies	13/864582		US	Texture Slider for pedestrian navigation II	17.04.2013
81797	Technologies	14786002.7		EP	Texture Slider for pedestrian navigation II	09.04.2014
81797	Technologies	201480029776.4		CN	Texture Slider for pedestrian navigation II	09.04.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
81807	Technologies	201480040921.9		CN	Wireless Charging Repeater Stand & Cover	11.04.2014
81870	Technologies	201410177808.7		CN	Low power link activity adjustment according to link RSSI	29.04.2014
81870	Technologies	13/875788	9119201	US	Low power link activity adjustment according to link RSSI	02.05.2013
81957	Technologies	14775809.8		EP	Minimization of UL transmissions	18.03.2014
81957	Technologies	14/779406		US	Minimization of UL transmissions	18.03.2014
81957	Technologies	2016-504714		JP	Minimization of UL transmissions	18.03.2014
81957	Technologies	201480017810.6		CN	Minimization of UL transmissions	18.03.2014
81960	Technologies	13/892782	9310685	US	A method for selective metallization of flexible plastic substrates	13.05.2013
82011	Technologies	14/245347		US	Obtaining and using a list of CoAP URIs and related control information	04.04.2014
82012	Technologies	16106762.5		HK	USB power test for wireless charging transmitter	13.06.2016
82012	Technologies	14/783418		US	USB power test for wireless charging transmitter	12.04.2013
82012	Technologies	1-2015-502334		PH	USB power test for wireless charging transmitter	12.04.2013
82012	Technologies	2016-507017		JP	USB power test for wireless charging transmitter	12.04.2013
82012	Technologies	P00201506313		ID	USB power test for wireless charging transmitter	12.04.2013
82012	Technologies	13881598.0		EP	USB power test for wireless charging transmitter	12.04.2013
82012	Technologies	201380076561.3		CN	USB power test for wireless charging transmitter	12.04.2013
82081	Technologies	13/903296	9329386	US	Transparent Nano-structured Getter Barrier Layer	28.05.2013
82171	Technologies	14/785376		US	Use of directional technolofy in headset to automatically route audio to the headset, automatically answer an incoming call, as well as acknowledgement of incoming messaging and automatic connection to a device by detecting the device in the field of view	30.04.2013
82171	Technologies	13883456.9		EP	Use of directional technolofy in headset to automatically route audio to the headset, automatically answer an incoming call, as well as acknowledgement of incoming messaging and automatic connection to a device by detecting the device in the field of view	30.04.2013
82456	Technologies	201310268617.7		CN	ESD Proventive Audio Jack (Additional information update for NC81756)	28.06.2013
82456	Technologies	14/316779	9509103	US	ESD Proventive Audio Jack (Additional information update for NC81756)	26.06.2014
82504	Technologies	14/900608		US	Power Amplifier Strucure Utilizing non-50¿ Antenna	28.06.2013
82627	Technologies	13885970.7		EP	Method of processing HAIP antenna calibration matrix for lossless compression	31.05.2013
82627	Technologies	14/889576	9404995	US	Method of processing HAIP antenna calibration matrix for lossless compression	31.05.2013
82666	Technologies	14/891022		US	A layered compression and transmission method for HAIP antenna calibration matrix	31.05.2013
82666	Technologies	13885945.9		EP	A layered compression and transmission method for HAIP antenna calibration matrix	31.05.2013
82784	Technologies	14/904161		US	Breath sensitive screen cover	25.06.2014
82785	Technologies	1315249.1		GB	GO flexible dynamic deformation sensor (Flexible and Stretchable)	28.08.2013
82785	Technologies	14/471196		US	GO flexible dynamic deformation sensor (Flexible and Stretchable)	28.08.2014
82785	Technologies	14784520.0		EP	GO flexible dynamic deformation sensor (Flexible and Stretchable)	28.08.2014
82785	Technologies	201480055305.0		CN	GO flexible dynamic deformation sensor (Flexible and Stretchable)	28.08.2014
82805	Technologies	13/904131	9128177	US	Band grouping combinations for tunable UMTS multi-band filters	29.05.2013
82805	Technologies	14804011.6		EP	Band grouping combinations for tunable UMTS multi-band filters	23.05.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
82805	Technologies	201480042687.3		CN	Band grouping combinations for tunable UMTS multi-band filters	23.05.2014
82805	Technologies	2016-516213		JP	Band grouping combinations for tunable UMTS multi-band filters	23.05.2014
82805	Technologies	P00201508421		ID	Band grouping combinations for tunable UMTS multi-band filters	23.05.2014
82806	Technologies	13/949493	9214968	US	Appratus and method of power amplifier interference cancellation	24.07.2013
82838	Technologies	13890571.6		EP	A sparse modulation method to improve HAIP transmission efficiency	31.07.2013
82838	Technologies	14/906328		US	A sparse modulation method to improve HAIP transmission efficiency	31.07.2013
82838	Technologies	201380078521.2		CN	A sparse modulation method to improve HAIP transmission efficiency	31.07.2013
82959	Technologies	13890388.5		EP	Method for Simultaneous Group Location and Orientation Report in Wi-Fi	30.07.2013
82959	Technologies	112016001842.7		BR	Method for Simultaneous Group Location and Orientation Report in Wi-Fi	30.07.2013
82959	Technologies	14/902785		US	Method for Simultaneous Group Location and Orientation Report in Wi-Fi	30.07.2013
82960	Technologies	14/905384		US	GO-GFET humidity sensor	25.06.2014
82960	Technologies	14825934.4		EP	GO-GFET humidity sensor	25.06.2014
82960	Technologies	201480050709.0		CN	GO-GFET humidity sensor	25.06.2014
83023	Technologies	13887791.5		EP	RX noise cancelation arrangement	28.06.2013
83023	Technologies	201380078746.8		CN	RX noise cancelation arrangement	28.06.2013
83023	Technologies	14/900953		US	RX noise cancelation arrangement	28.06.2013
83023	Technologies	1-2016-500022		PH	RX noise cancelation arrangement	28.06.2013
83030	Technologies	14169377.0		EP	Super Fast Internet Radio/Mix Radio Channel Browsing and Health Indicator - 81683 revised version	22.05.2014
83030	Technologies	13/935886		US	Super Fast Internet Radio/Mix Radio Channel Browsing and Health Indicator - 81683 revised version	05.07.2013
83091	Technologies	13/930528	9178487	US	Tunable cross-coupled band-pass UMTS filters with programmable transmission zeros for enhanced interference cancellation	28.06.2013
83091	Technologies	14739212.0		EP	Tunable cross-coupled band-pass UMTS filters with programmable transmission zeros for enhanced interference cancellation	18.06.2014
83201	Technologies	14180454.2		EP	Touch indication	11.08.2014
83201	Technologies	14/017655		US	Touch indication	04.09.2013
83328	Technologies	14/047437	9331637	US	Hybrid DC-DC conveter for PA envelope tracking applications	07.10.2013
83346	Technologies	14/332947	9264684	US	Balancing of Flash vs. Ambient optimized color processing	16.07.2014
83350	Technologies	14/076123	9301268	US	Device synchronization	08.11.2013
83355	Technologies	13895752.7		EP	Camera aided calibration for antenna array in handheld device	16.10.2013
83355	Technologies	15/027653		US	Camera aided calibration for antenna array in handheld device	16.10.2013
83360	Technologies	201380078447.4		CN	Extending range of Bluetooth Low Energy	24.07.2013
83426	Technologies	14/054201		US	Maximum Segment Size (MSS) optimization	15.10.2013
83558	Technologies	15/027814		US	Apparatus and method of supply modualtor with wide dynamic range for envelope tracking	08.10.2013
83565	Technologies	14/510615		US	Positive Pressure Barrier Layer	09.10.2014
83608	Technologies	15/034741		US	Methods for automatic discovery of an Alternative Roaming Provider (ARP)	08.11.2013
83608	Technologies	201380081950.5		CN	Methods for automatic discovery of an Alternative Roaming Provider (ARP)	08.11.2013

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
83676	Technologies	14/061476	9596404	US	Media request and capture service based on global camera pose	23.10.2013
83689	Technologies	15/035520		US	Distributing strain in a laminated display stack	30.10.2014
83689	Technologies	14796796.2		EP	Distributing strain in a laminated display stack	30.10.2014
83776	Technologies	15/021423		US	Bluetooth Low Energy Clipboard	18.09.2013
83776	Technologies	13893805.5		EP	Bluetooth Low Energy Clipboard	18.09.2013
83784	Technologies	15152768.6	2903119	ES	Two way communication for Qi wireless charging	28.01.2015
83784	Technologies	15152768.6	2903119	PL	Two way communication for Qi wireless charging	28.01.2015
83784	Technologies	15152768.6	6,02015E+11	DE	Two way communication for Qi wireless charging	28.01.2015
83784	Technologies	201510039849.4	2,0151E+11	CN	Two way communication for Qi wireless charging	27.01.2015
83784	Technologies	14/167480	9385787	US	Two way communication for Qi wireless charging	29.01.2014
83862	Technologies	2016-541050		JP	Graphene oxide patterning by photonic flash reduction	17.12.2013
83862	Technologies	13870408.5		EP	Graphene oxide patterning by photonic flash reduction	17.12.2013
83870	Technologies	15/035322		US	Efficient scheme for using D2D based local communication for media consumption	18.11.2013
83870	Technologies	201380081819.9		CN	Efficient scheme for using D2D based local communication for media consumption	18.11.2013
84053	Technologies	14/155745		US	Dynamic threshold for local connectivity setup	15.01.2014
84053	Technologies	14191994.4		EP	Dynamic threshold for local connectivity setup	06.11.2014
84135	Technologies	14150443.1		EP	Half-service description in Bluetooth LE	08.01.2014
84135	Technologies	14/558790	9462410	US	Half-service description in Bluetooth LE	03.12.2014
84141	Technologies	14/155798		US	3D Touch sensor reader	15.01.2014
84242	Technologies	14/550965		US	Browser	22.11.2014
84266	Technologies	14/081862	9432062	US	Polar noise shaping	15.11.2013
84315	Technologies	14/179094	9301124	US	Action based communication	12.02.2014
84323	Technologies	2016-549137		JP	Coatings based on hybrid layered films	21.01.2015
84323	Technologies	2,01647E+11		IN	Coatings based on hybrid layered films	21.01.2015
84323	Technologies	15743892.0		EP	Coatings based on hybrid layered films	21.01.2015
84323	Technologies	201580006285.2		CN	Coatings based on hybrid layered films	21.01.2015
84326	Technologies	1322904.2		GB	Air-suspended interconnects and method for making the same	23.12.2013
84335	Technologies	14884686.8		EP	Integrated Envelope Tracking Modualtor with Integratable Wide Band Current Sensing	07.03.2014
84399	Technologies	15/109853		US	Service search with wide area whitelisting	29.12.2014
84399	Technologies	14878299.8		EP	Service search with wide area whitelisting	29.12.2014
84399	Technologies	1400314.9		GB	Service search with wide area whitelisting	09.01.2014
84667	Technologies	13898246.7		EP	High precision direct frequency synthesis with deterministic jitter reduction method.	28.11.2013
84671	Technologies	2016-538534		JP	Tunable RF channel select filter with high stop band attenuation for re-configurable radio	26.11.2014
84671	Technologies	P00201604253		ID	Tunable RF channel select filter with high stop band attenuation for re-configurable radio	26.11.2014
84671	Technologies	2,01647E+11		IN	Tunable RF channel select filter with high stop band attenuation for re-configurable radio	26.11.2014

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
84671	Technologies	14869578.6		EP	Tunable RF channel select filter with high stop band attenuation for re-configurable radio	26.11.2014
84671	Technologies	14/104233	9130532	US	Tunable RF channel select filter with high stop band attenuation for re-configurable radio	12.12.2013
84684	Technologies	1-2016-02982		VN	inherent soft touch	18.02.2014
84684	Technologies	14883064.9		EP	inherent soft touch	18.02.2014
84723	Technologies	15/109523		US	Positioning with AoA Handsets	15.01.2014
84723	Technologies	14878978.7		EP	Positioning with AoA Handsets	15.01.2014
84725	Technologies	14/159977	9682793	US	A sales package that automatically shifts inbox component out upon opening and puts it back upon closing	21.01.2014
84736	Technologies	14/136752	9450557	US	Programmable phase shifter with tunable capacitor bank networks	20.12.2013
84736	Technologies	14814906.5		EP	Programmable phase shifter with tunable capacitor bank networks	12.12.2014
84736	Technologies	2014369680		AU	Programmable phase shifter with tunable capacitor bank networks	12.12.2014
84736	Technologies	1-2016-02596		VN	Programmable phase shifter with tunable capacitor bank networks	12.12.2014
84736	Technologies	2016/04809		ZA	Programmable phase shifter with tunable capacitor bank networks	12.12.2014
84736	Technologies	P00201604729		ID	Programmable phase shifter with tunable capacitor bank networks	12.12.2014
84746	Technologies	1404927.4		GB	Moisture sensing tape for structures	19.03.2014
84758	Technologies	2016-568988		JP	Using a companionshop device as Bluetooth headset or feature phone	17.02.2014
84758	Technologies	14882523.5		EP	Using a companionshop device as Bluetooth headset or feature phone	17.02.2014
84758	Technologies	201480075671.2		CN	Using a companionshop device as Bluetooth headset or feature phone	17.02.2014
84758	Technologies	15/119121		US	Using a companionshop device as Bluetooth headset or feature phone	17.02.2014
84809	Technologies	14/137012	9197241	US	Output power control scheme for a radio-frequency (RF) digital-to-analog converter (DAC)	20.12.2013
84809	Technologies	14814907.3		EP	Output power control scheme for a radio-frequency (RF) digital-to-analog converter (DAC)	12.12.2014
84822	Technologies	102014032881.5		BR	NAN Cluster Concurrency Management	29.12.2014
84822	Technologies	14197069.9		EP	NAN Cluster Concurrency Management	10.12.2014
84822	Technologies	14/154349	9258193	US	NAN Cluster Concurrency Management	14.01.2014
84822	Technologies	1-2015-00118		VN	NAN Cluster Concurrency Management	14.01.2015
84822	Technologies	201510018276.7		CN	NAN Cluster Concurrency Management	14.01.2015
84873	Technologies	15/121020		US	Photonic flash oxidation of two-dimensional layered materials	28.02.2014
84873	Technologies	14771973.6		EP	Photonic flash oxidation of two-dimensional layered materials	28.02.2014
85153	Technologies	14884897.1		EP	Hybrid Envelope Tracking Supply Modulator for Power Amplifier	07.03.2014
85212	Technologies	14173104.2	2958354	ES	Device pairing	19.06.2014
85212	Technologies	14173104.2	2958354	EP	Device pairing	19.06.2014
85212	Technologies	14/731507		US	Device pairing	05.06.2015
85212	Technologies	201510340358.3		CN	Device pairing	18.06.2015
85212	Technologies	14173104.2	2958354	GB	Device pairing	19.06.2014
85212	Technologies	14173104.2	2958354	DE	Device pairing	19.06.2014
85212	Technologies	14173104.2	2958354	FR	Device pairing	19.06.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
85214	Technologies	15712665.7		EP	Low cost interface in phone to enable; Smart cover detection, Extension battery cover, wireless charging and other accessory covers	04.03.2015
85214	Technologies	201580013317.1		CN	Low cost interface in phone to enable; Smart cover detection, Extension battery cover, wireless charging and other accessory covers	04.03.2015
85214	Technologies	1-2016-03752		VN	Low cost interface in phone to enable; Smart cover detection, Extension battery cover, wireless charging and other accessory covers	04.03.2015
85214	Technologies	15/123852		US	Low cost interface in phone to enable; Smart cover detection, Extension battery cover, wireless charging and other accessory covers	04.03.2015
85214	Technologies	2016-572921		JP	Low cost interface in phone to enable; Smart cover detection, Extension battery cover, wireless charging and other accessory covers	04.03.2015
85239	Technologies	14166339.3		EP	Device selection filtering	29.04.2014
85398	Technologies	2016-558408		JP	Seamless connectivity	12.03.2015
85398	Technologies	15768741.9		EP	Seamless connectivity	12.03.2015
85398	Technologies	201580027548.8		CN	Seamless connectivity	12.03.2015
85398	Technologies	15/128482		US	Seamless connectivity	12.03.2015
85414	Technologies	14894315.2		EP	Envelope Shaping Method for Envelope Tracking Power Amplification	13.06.2014
85539	Technologies	15/305205		US	A memristive device based on few-layer materials	23.10.2014
85539	Technologies	14812821.8		EP	A memristive device based on few-layer materials	23.10.2014
85616	Technologies	2190/CHE/2014		IN	TX co-banding in DSDA device	30.04.2014
85629	Technologies	14169777.1		EP	Device selection	26.05.2014
85629	Technologies	14/668278		US	Device selection	25.03.2015
85629	Technologies	201510275128.3		CN	Device selection	26.05.2015
85842	Technologies	201510290954.5		CN	A method and apparatus for Live display adaptive content streaming/broadcasting	01.06.2015
85842	Technologies	15168853.8		EP	A method and apparatus for Live display adaptive content streaming/broadcasting	22.05.2015
85842	Technologies	14/728901		US	A method and apparatus for Live display adaptive content streaming/broadcasting	02.06.2015
85865	Technologies	201510160959.6		CN	Seamless audio switching	07.04.2015
85865	Technologies	15161278.5		EP	Seamless audio switching	27.03.2015
85868	Technologies	15/322034		US	A sensor combined with memristor	07.07.2014
85868	Technologies	2017-500005		JP	A sensor combined with memristor	07.07.2014
85868	Technologies	14850101.8		EP	A sensor combined with memristor	07.07.2014
85900	Technologies	14183570.2		EP	Method for triggerin T2S	04.09.2014
85900	Technologies	14/824422	9532391	US	Method for triggerin T2S	12.08.2015
85931	Technologies	15/503678		US	Usage of Morse Codes and Social Networks for local communication establishment	28.08.2014
85931	Technologies	14900824.5		EP	Usage of Morse Codes and Social Networks for local communication establishment	28.08.2014
85931	Technologies	201480081440.2		CN	Usage of Morse Codes and Social Networks for local communication establishment	28.08.2014
86034	Technologies	14/313322	9635690	US	Improving security of the proximity based pairing	24.06.2014
86046	Technologies	201480080402.5		CN	Gaze Tracking	09.07.2014
86046	Technologies	15/321634		US	Gaze Tracking	09.07.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
86046	Technologies	14897194.8		EP	Gaze Tracking	09.07.2014
86056	Technologies	14/293179		US	Media selection for moving user	02.06.2014
86090	Technologies	14/466798	9571083	US	All-digital delay-locked loop tuning method with randomized LSB-tuning.	22.08.2014
86163	Technologies	15/516732		US	A memristive device with cumulative sensing function	06.10.2014
86163	Technologies	2017-517095		JP	A memristive device with cumulative sensing function	06.10.2014
86163	Technologies	14859324.7		EP	A memristive device with cumulative sensing function	06.10.2014
86189	Technologies	14/470382	9418446	US	Building based locolization	27.08.2014
86191	Technologies	14/320820	9338635	US	BLE device tracking	01.07.2014
86247	Technologies	15/505583		US	Personalized and automatic use of car audio playback system by tracking the driver and passenger positions with the aid of a BT antenna array (NC86116)	29.08.2014
86247	Technologies	14900761.9		EP	Personalized and automatic use of car audio playback system by tracking the driver and passenger positions with the aid of a BT antenna array (NC86116)	29.08.2014
86247	Technologies	201480082979.X		CN	Personalized and automatic use of car audio playback system by tracking the driver and passenger positions with the aid of a BT antenna array (NC86116)	29.08.2014
86253	Technologies	14195403.2		EP	Reverse connection	28.11.2014
86253	Technologies	14/950071		US	Reverse connection	24.11.2015
86280	Technologies	14189275.2		EP	Super efficient phase separation and collection of graphene oxide from its inks	16.10.2014
86307	Technologies	14/873432		US	A method and apparatus for scene synthesis and media amplification service	02.10.2015
86311	Technologies	14865003.9		EP	Self-switchable sensor array	27.10.2014
86311	Technologies	15/521781		US	Self-switchable sensor array	27.10.2014
86372	Technologies	14/485263		US	A Method to Mitigate Burst Interference in Soft Decoders Using Outlier Detection and Erasures	12.09.2014
86383	Technologies	15/521352		US	Nonvolatile resistive switching memory	31.10.2014
86383	Technologies	14868705.6		EP	Nonvolatile resistive switching memory	31.10.2014
86392	Technologies	14/477378	9479546	US	Audio source control for multiple devices	04.09.2014
86456	Technologies	14/556531		US	Method for device discovery	01.12.2014
86473	Technologies	14199464.0		EP	Effective way to make composite material with high graphene concentration	19.12.2014
86482	Technologies	PCT/FI2016/050201		WO	In-service I/Q Imbalance Estimation for Direct-conversion Receivers	31.03.2016
86482	Technologies	14/674807	9698917	US	In-service I/Q Imbalance Estimation for Direct-conversion Receivers	31.03.2015
86483	Technologies	14/698088		US	IQ Imbalance Estimation Using On-chip Loopback for Direct-conversion Transceivers	28.04.2015
86483	Technologies	PCT/FI2016/050267		WO	IQ Imbalance Estimation Using On-chip Loopback for Direct-conversion Transceivers	25.04.2016
86535	Technologies	15/545855		US	Ultra-sensitive mechano-optical plasmonic resonance sensor	28.01.2016
86535	Technologies	15153474.0		EP	Ultra-sensitive mechano-optical plasmonic resonance sensor	02.02.2015
86535	Technologies	PCT/FI2016/050046		JP	Ultra-sensitive mechano-optical plasmonic resonance sensor	28.01.2016
86535	Technologies	PCT/FI2016/050046		WO	Ultra-sensitive mechano-optical plasmonic resonance sensor	28.01.2016
86554	Technologies	14827459.0		EP	Location Optimized LTE to Home Link	22.12.2014
86554	Technologies	15/538786		US	Location Optimized LTE to Home Link	22.12.2014
86576	Technologies	14198180.3		EP	BT LE advertising mode based on available power	16.12.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
86576	Technologies	14/950040		US	BT LE advertising mode based on available power	24.11.2015
86588	Technologies	PCT/FI2015/050268		WO	Timestamping in Time-of-Flight ranging	17.04.2015
86638	Technologies	14/810449	9706511	US	Synchronization signals detection method for device-to-device operation	27.07.2015
86676	Technologies	PCT/IB2016/053855		WO	Wireless charging systems and methods	28.06.2016
86676	Technologies	15174446.3		EP	Wireless charging systems and methods	30.06.2015
86697	Technologies	201580070182.2		CN	Transmitter reconfiguration for envelope/PA bias tracking	18.12.2015
86697	Technologies	15825802.0		EP	Transmitter reconfiguration for envelope/PA bias tracking	18.12.2015
86697	Technologies	14/581890	9515622	US	Transmitter reconfiguration for envelope/PA bias tracking	23.12.2014
86741	Technologies	PCT/US2014/069830		WO	Ad hoc network control by using management objects	11.12.2014
86741	Technologies	15/533763		US	Ad hoc network control by using management objects	11.12.2014
86741	Technologies	14821033.9		EP	Ad hoc network control by using management objects	11.12.2014
86743	Technologies	14/613246		US	Audio + Radio Localization	03.02.2015
86758	Technologies	PCT/FI2015/050267		WO	Symbol timing estimation switch trigger for ranging	17.04.2015
86777	Technologies	14827553.0		EP	Configuring a BLE Advertising Beacon Devices using Light Sensors.	31.12.2014
86777	Technologies	15/540599		US	Configuring a BLE Advertising Beacon Devices using Light Sensors.	31.12.2014
86777	Technologies	201480084527.5		CN	Configuring a BLE Advertising Beacon Devices using Light Sensors.	31.12.2014
86785	Technologies	14/586286		US	A method and apparatus for directional view in panoramic content	30.12.2014
86785	Technologies	15202851.0		EP	A method and apparatus for directional view in panoramic content	29.12.2015
86785	Technologies	201511004884.9		CN	A method and apparatus for directional view in panoramic content	29.12.2015
86805	Technologies	15/539939		US	Solution for converting car to car communication to open point to point communication	29.12.2014
86805	Technologies	14827386.5		EP	Solution for converting car to car communication to open point to point communication	29.12.2014
86805	Technologies	2017-7020805		KR	Solution for converting car to car communication to open point to point communication	29.12.2014
86805	Technologies	201480084438.0		CN	Solution for converting car to car communication to open point to point communication	29.12.2014
86805	Technologies	PCT/US2014/072531		JP	Solution for converting car to car communication to open point to point communication	29.12.2014
86812	Technologies	PCT/US2014/069837		WO	Service specific server connection discovery mechanism	11.12.2014
86812	Technologies	15/531417		US	Service specific server connection discovery mechanism	11.12.2014
86842	Technologies	15/539820		US	Intra site inteference mitigation installation	09.02.2015
86842	Technologies	PCT/US2015/015027		WO	Intra site inteference mitigation installation	09.02.2015
86857	Technologies	15156065.3		EP	Linear amplifier supply voltage for envelope tracking	23.02.2015
86857	Technologies	PCT/FI2016/050099		WO	Linear amplifier supply voltage for envelope tracking	17.02.2016
86899	Technologies	14/640510		US	Integrated circuit accelerator for optimisation and Monte Carlo sampling	06.03.2015
86919	Technologies	15161755.2		EP	Double sided GFET processing and wafer level packaging	30.03.2015
86919	Technologies	PCT/FI2016/050131		WO	Double sided GFET processing and wafer level packaging	03.03.2016
86986	Technologies	15802246.7		EP	Method for local device control using BTLE	10.11.2015
86986	Technologies	PCT/US2015/059822		WO	Method for local device control using BTLE	10.11.2015

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
86986	Technologies	15/543612		US	Method for local device control using BTLE	10.11.2015
87001	Technologies	15159312.6		EP	Multi-level envelope tracking	17.03.2015
87001	Technologies	PCT/FI2016/050155		WO	Multi-level envelope tracking	14.03.2016
87015	Technologies	14/598443	9686676	US	Cloud controlled Bluetooth LE device wakeup	16.01.2015
87052	Technologies	15173229.4		EP	Direct delta-sigma receiver with harmonic rejection	23.06.2015
87052	Technologies	PCT/FI2016/050455		WO	Direct delta-sigma receiver with harmonic rejection	22.06.2016
87053	Technologies	PCT/FI2016/050298		WO	Dynamically tunable aspect ratio of a plasmonic nanorod	09.05.2016
87053	Technologies	15168036.0		EP	Dynamically tunable aspect ratio of a plasmonic nanorod	18.05.2015
87086	Technologies	14/793694		US	Tuning RF filter based on TX power	07.07.2015
87086	Technologies	16177696.8		EP	Tuning RF filter based on TX power	04.07.2016
87122	Technologies	PCT/CN2015/086066		WO	DUAL DYNAMIC LOAD MODULATION POWER AMPLIFIER OPTIMIZED FOR LINEARITY	04.08.2015
87124	Technologies	PCT/FI2015/050564		WO	Remote UI	01.09.2015
87136	Technologies	16180463.8		EP	Phase shifted Resonator	21.07.2016
87136	Technologies	14/810270	9660612	US	Phase shifted Resonator	27.07.2015
87172	Technologies	PCT/FI2015/050304		WO	Prevention System Against Bluetooth Low-Energy Gateway Misplacement	05.05.2015
87183	Technologies	20150100289		GR	Synchronization signals detection method for LTE and LTE D2D	24.06.2015
87183	Technologies	14/883974		US	Synchronization signals detection method for LTE and LTE D2D	15.10.2015
87195	Technologies	14/714122		US	Tunable filter off states for noise rejection	15.05.2015
87195	Technologies	PCT/FI2016/050299		WO	Tunable filter off states for noise rejection	09.05.2016
87291	Technologies	15275150.9		EP	High-performing conductive graphene-based ink: functionalised reduced graphene oxide (rFGO) ink with extra-enhanced conductivity and dispersion stability	09.06.2015
87307	Technologies	PCT/FI2015/050464		WO	Mutual Directional Communication Control	24.06.2015
87308	Technologies	14/700487		US	Inter-AP control channel(s) with NAN	30.04.2015
87308	Technologies	201610283874.1		CN	Inter-AP control channel(s) with NAN	29.04.2016
87320	Technologies	PCT/FI2015/050510		WO	Using a Combination of Signal Strength and Geofence Hysteresis to Control Positioning Mode	23.07.2015
87377	Technologies	PCT/FI2016/050606		WO	Active-balun amplifier with transconductance boosting	01.09.2016
87377	Technologies	15183224.3		EP	Active-balun amplifier with transconductance boosting	01.09.2015
87391	Technologies	PCT/FI2016/050628		WO	Feedback amplifier with negative conductance circuit	12.09.2016
87391	Technologies	15184977.5		EP	Feedback amplifier with negative conductance circuit	14.09.2015
87404	Technologies	15184979.1		EP	Direct delta-sigma receiver without explicit feedback upconversion	14.09.2015
87439	Technologies	15180829.2		EP	Design and fabrication of GFETs with graphene protection via copper metallisation for improved mobility and contact resistance	12.08.2015
87439	Technologies	PCT/FI2016/050549		WO	Design and fabrication of GFETs with graphene protection via copper metallisation for improved mobility and contact resistance	05.08.2016
87443	Technologies	15176522.9		EP	Release of Device using Tg for advanced device architecture solutions (Resubmission- 87283)	13.07.2015
87443	Technologies	PCT/FI2016/050465		WO	Release of Device using Tg for advanced device architecture solutions (Resubmission- 87283)	28.06.2016
87452	Technologies	15188999.5		EP	Self-powered humidity-time-logging sensor-memristor platform	08.10.2015

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
87452	Technologies	PCT/FI2016/050652		WO	Self-powered humidity-time-logging sensor-memristor platform	21.09.2016
87453	Technologies	PCT/FI2016/050651		WO	Wireless re-chargeable sensor-memristor platform	21.09.2016
87453	Technologies	15189000.1		EP	Wireless re-chargeable sensor-memristor platform	08.10.2015
87510	Technologies	PCT/FI2015/050501		WO	Ceiling projection for installing indoor locators	13.07.2015
87519	Technologies	PCT/FI2015/050493		WO	Patient located by visitor through sms registration	08.07.2015
87554	Technologies	14/740467	9473941	US	BLE device authorization during advertisement/scanning process	16.06.2015
87557	Technologies	PCT/FI2015/050632		WO	Low accuracy positioning system aided with high accuracy system	23.09.2015
87648	Technologies	PCT/FI2015/050560		WO	Methods for optimizing the use of computing resources in an indoor positioning system	31.08.2015
87674	Technologies	PCT/FI2015/050503		WO	Smart Scan using Indoor Positioning Infrastructure	16.07.2015
87677	Technologies	201610638548.8		CN	Bluetooth LE based low power data delivery	05.08.2016
87677	Technologies	14/821167		US	Bluetooth LE based low power data delivery	07.08.2015
87677	Technologies	16175886.7		EP	Bluetooth LE based low power data delivery	23.06.2016
87729	Technologies	15184391.9		EP	A method and apparatus for use in improving Harmonics and linearity of SOI transistor	09.09.2015
87729	Technologies	PCT/FI2016/050609		WO	A method and apparatus for use in improving Harmonics and linearity of SOI transistor	02.09.2016
87742	Technologies	15190419.0		EP	Nanostructured graphene oxide / high-work-function noble metal for water-splitting	19.10.2015
87742	Technologies	PCT/FI2016/050700		WO	Nanostructured graphene oxide / high-work-function noble metal for water-splitting	07.10.2016
87776	Technologies	15195513.5		EP	Transconductance amplifier with balun output impedance boosting	20.11.2015
87799	Technologies	PCT/FI2015/050694		WO	Falling back to RSSI based positioning on AoA signal corruption	14.10.2015
87800	Technologies	PCT/FI2015/050717		WO	Velocity based tuning of handover thresholds between positioning methods	21.10.2015
87801	Technologies	PCT/FI2015/050693		WO	Using COIP gateways to synchronize tags for purposes of tag proximity measurement	14.10.2015
87839	Technologies	15194592.0		EP	Memristor-controlled reconfigurable multifunctional sensor device	13.11.2015
87839	Technologies	PCT/FI2016/050748		WO	Memristor-controlled reconfigurable multifunctional sensor device	25.10.2016
87920	Technologies	PCT/US2015/066270		WO	Body measurement as a scheduling signal for wireless communication	17.12.2015
87955	Technologies	16150446.9		EP	Quantum-dot photodetector memory	07.01.2016
87955	Technologies	PCT/FI2016/050850		WO	Quantum-dot photodetector memory	02.12.2016
87962	Technologies	16156919.9		EP	Spatially Modulated Vacuum Manipulator for Automated Graphene Release and Transfer	23.02.2016
87962	Technologies	15/433469		US	Spatially Modulated Vacuum Manipulator for Automated Graphene Release and Transfer	15.02.2017
87963	Technologies	PCT/FI2017/050088		WO	Automated Capillary Assisted Graphene Release and Transfer Process	15.02.2017
87963	Technologies	16156988.4		EP	Automated Capillary Assisted Graphene Release and Transfer Process	23.02.2016
200107462	Networks	09/781,927	6950650	US	System and Method for Call Forwarding Synchronization in a Communication System	12.02.2001
199702244	Networks	09/140,733	6373825	US	Telecommunication network and state propagation method	27.08.1998
199702239	Networks	19737354.2	19737354	DE	DRAHTLOSES VIDEO-KOMMUNIKATIONSENDGERAET.	27.08.1997
200023735	Networks	10109906.1	10109906	DE	Verfahren zum Abrechnen von Telekommunikationsverbindungen bei Anrufweiterleitungsdiensten	20.02.2001
200023735	Networks	10/078,158	6850756	US	Verfahren zum Abrechnen von Telekommunikationsverbindungen bei Anrufweiterleitungsdiensten	20.02.2002
200020481	Networks	10129397.6	10129397	DE	Verfahren zum Überwachen einer hochbitratigen Datenübertragung sowie zugehörige Komponenten	19.06.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200800626	Networks	08104490.1		EP	Method and device for processing data and communication system comprising such device	20.06.2008
200803116	Networks	12/320,661	8483335	US	HYBRID RECEIVER WITH ALGORITHMIC COMBINING AND METHOD	30.01.2009
200801841	Networks	08105255.7		EP	Method and device for data processing in an access node and communication system comprising such device	05.09.2008
200801898	Networks	11/538,168	7649910	US	CLOCK SYNCHRONIZATION AND DISTRIBUTION OVER A LEGACY OPTICAL ETHERNET NETWORK	03.10.2006
200616488	Networks	11/830,979	8130741	US	Resource Allocation in OFDMA with Rectangular Bursts	31.07.2007
200703939	Networks	12/290,593	8321735	US	JOINT CHANNEL CODE FOR DATA NON-ASSOCIATED CONTROL SIGNALLING TYPE	30.10.2008
200298034	Networks	10/141128	7031708	US	A SYSTEM AND METHOD FOR CONNECTING MULTICAST OR BROADCAST C ONTROL INFORMATION TO MOBILE STATIONS	09.05.2002
200298053	Networks	10/145655	6965775	US	A SERVICE-ORIENTED PROTECTION SCHEME FOR A RADIO ACCESS NETW ORK	15.05.2002
200298053	Networks	11/264,825	7627321	US	SERVICE-ORIENTED PROTECTION SCHEME FOR A RADIO ACCESS NETWORK	01.11.2005
200298130	Networks	10/402390	6768451	US	Method for Determining the Correlation Between a Received Be acon Signal and a Reconstructed Signal	27.03.2003
200098082	Networks	01805450.1	ZL01805450.1	CN	METHOD INCLUDING A RADIO TRANSMITTER FOR IMPROVING RADIO LIN K OPERATION	28.02.2001
200098082	Networks	10/209,195	7894857	US	METHOD INCLUDING A RADIO TRANSMITTER FOR IMPROVING RADIO LIN K OPERATION	28.02.2001
200098104	Networks	10/416010	6985032	US	AMPLIFIER LINEARISATION	25.10.2001
199998133	Networks	2378719	2378719	CA	BIASING CIRCUIT FOR VGS DRIFT AND THERMAL COMPENSATION OF A POWER DEVICE	09.07.1999
199998133	Networks	99816797.5	ZL99816797.5	CN	BIASING CIRCUIT FOR VGS DRIFT AND THERMAL COMPENSATION OF A POWER DEVICE	09.07.1999
199998133	Networks	99932861.0	1192711	GB	BIASING CIRCUIT FOR VGS DRIFT AND THERMAL COMPENSATION OF A POWER DEVICE	09.07.1999
199998164	Networks	09/476674	7010500	US	ON-LINE SUBSCRIPTION SYSTEM AND METHOD	30.05.2003
200098024	Networks	00927190.9	1282962	GB	COMMUNICATON SYSTEM AND METHOD FOR CLASSIFYING AND MARKING I NFORMATION ELEMENTS TO BE TRANSMITTED IN A NETWORK	10.05.2000
200098025	Networks	00819696.6	952820	CN	METHOD AND SYSTEM FOR RE-ROUTING A CALL	29.06.2000
200098025	Networks	10/312630	7120441	US	METHOD AND SYSTEM FOR RE-ROUTING A CALL	29.06.2000
200098025	Networks	00951319.3		WE	METHOD AND SYSTEM FOR RE-ROUTING A CALL	29.06.2000
199898070	Networks	99956053.5	1129583	NL	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	09/850036	7120418	US	Message communication charging	10.11.1999
199898070	Networks	99956053.5	699 30 287.0	DE	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	99956053.5	1129583	FI	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	99956053.5	1129583	FR	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	99956053.5	1129583	GB	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898090	Networks	09/767290	6593808	US	A SET-UP METHOD FOR A LINEARISING CIRCUIT	27.07.1998
200701617	Networks	07016688.9	2028901	EP	Method and apparatus for temporarily suspending a network connection	24.08.2007
199704819	Networks	09/123,288	6311045	US	RADIO TRANSCEIVER SYSTEM	28.07.1998
200001979	Networks	09/867,295	6804343	US	Verfahren zur Ziel-Steuerung in einem intelligenten Netz	29.05.2001
199798076	Networks	09/136127	6230214	US	Portable electronic devices	18.08.1998
199602294	Networks	08/933,532	6052437	US	TEILNEHMERANSCHLUSSSCHALTUNG FUER DEN ANSCHLUSS EINER ANALOGEN TEILNEHMERLEITUNG AN EINE DIGITALE ZEITMULTIPLEX-FERNSPRECHVERMITTLUNGSSTELLE	18.09.1997
199998059	Networks	10/030,353	7257114	US	METHOD FOR TRANSMITTING CALLS OVER PACKET NETWORK	06.07.2000
199998059	Networks	00944093.4	60011085	DE	METHOD FOR TRANSMITTING CALLS OVER PACKET NETWORK	06.07.2000
199998059	Networks	00810111.6	ZL00810111.6	CN	METHOD FOR TRANSMITTING CALLS OVER PACKET NETWORK	06.07.2000
199998059	Networks	00944093.4	1192821	GB	METHOD FOR TRANSMITTING CALLS OVER PACKET NETWORK	06.07.2000
200398163	Networks	10/461,660	7248895	US	MOBILE TERMINAL SETTINGS	12.06.2003
199702941	Networks	09/200,360	6591106	US	UEBERTRAGUNGSSYSTEM ZUM STEUERN DER SENDELEISTUNG IN FUNKZELLEN EINES FUNK-TEINEHMERANSCHLUSSNETZES	25.11.1998
200098099	Networks	10/386942	7123943	US	METHOD OF GENERATING DIRECTIONAL ANTENNA BEAMS, AND RADIO TR ANSMITTER	12.09.2001
200098113	Networks	09/809122	6578119	US	MEMORY MANAGEMENT METHOD AND DEVICE FOR THE DECODING OF CONV OLUTIONAL CODES	15.03.2001
200098145	Networks	09/671517	6990525	US	SYSTEM FOR SELECTING DATA COMMUNICATIONS SERVICE	26.09.2000
200198102	Networks	10/731,427	7224705	US	SYNCHRONIZATION OF A MULTI-MODE BASE STATION USING A COMMON SYSTEM CLOCK	19.06.2001
199601943	Networks	08/918,438	6031822	US	Verfahren zum optimierten Uebertragen von ATM-Zellen ueber Verbindungsabschnitte	26.08.1997
199601943	Networks	09-229247	3115546	JP	Verfahren zum optimierten Uebertragen von ATM-Zellen ueber Verbindungsabschnitte	26.08.1997
200098062	Networks	2002-520577	3805743	JP	Communication system and method	16.08.2000

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199898048	Networks	09/787276	6771959	US	TRANSMITTING CALL-RELATED DATA BETWEEN SWITCHING CENTRES	16.09.1999
199898076	Networks	09/028241	6538992	US	ADAPTIVE SCHEDULING METHOD AND APPARATUS TO SERVICE MULTILEV EL Q0S IN AAL2	24.02.1998
199898076	Networks	99909543.3	69927808,2	DE	ADAPTIVE SCHEDULING METHOD AND APPARATUS TO SERVICE MULTILEV EL Q0S IN AAL2	22.02.1999
199898076	Networks	99909543.3	1078550	GB	ADAPTIVE SCHEDULING METHOD AND APPARATUS TO SERVICE MULTILEV EL Q0S IN AAL2	22.02.1999
199898077	Networks	09/170378	6490275	US	METHOD AND APPARATUS FOR IMPROVING CALL SETUP EFFICIENCY IN MULTIMEDIA COMMUNICATIONS SYSTEMS	13.10.1998
199802108	Networks	09/527,117	6741567	US	Verfahren und Schaltungsanordnung zur Herstellung von Datensignalverbindungen	16.03.2000
199501841	Networks	09/029,688	7072674	US	VERFAHREN ZUM AUSSENDEN EINER FUNKRUFNACHRICHT ZU FUNKTEILNEHMER- STATIONEN VON MOBILFUNKTEILNEHMERN	21.08.1996
200398028	Networks	10/662,122	7864868	US	Method for detecting an Octet Slip	15.09.2003
200398068	Networks	10/723438	7012913	US	APPARATUS, AND ASSOCIATED METHOD, FOR FACILITATING COMMUNICA TION OF UNFRAGMENTED PACKET-FORMATTED DATA IN A RADIO COMMUNICATION SYSTEM	25.11.2003
200398108	Networks	2006-7014848	798951	KR	MOBILE CONNECTION BROKER	11.11.2004
200398108	Networks	2006-546350	4339894	JP	MOBILE CONNECTION BROKER	11.11.2004
200398108	Networks	4052/DELNP/2006		IN	MOBILE CONNECTION BROKER	11.11.2004
200398108	Networks	04798830.8		WE	MOBILE CONNECTION BROKER	11.11.2004
200704428	Networks	12/341,533	8379597	US	Method for preventing ping-pong handover effect in Mobile WiMAX networks	22.12.2008
200210445	Networks	02829255.3	537252	CN	Netzwerk-Management-Verfahren für die Konfiguration und die Schnittstellenbeschreibung von Netzwerk-Elementen mittels XML	01.07.2002
199902026	Networks	12-178833	3469166	JP	ATM-Vermittlungseinrichtung mit einem Koppelnetz	14.06.2000
199902026	Networks	09/826,357	7466709	US	ATM-Vermittlungseinrichtung mit einem Koppelnetz	14.06.2000
200211288	Networks	3315/DELNP/2004	231975	IN	Home agent optimization for handling mobile IP and static label switched paths	15.07.2002
200211288	Networks	02807593.5	E339048	AT	Home agent optimization for handling mobile IP and static MPLS (multiprotocol label swithching)	15.07.2002
200211288	Networks	02807593.5	1522171	ES	Home agent optimization for handling mobile IP and static MPLS (multiprotocol label swithching)	15.07.2002
200211288	Networks	02807593.5	1522171	GB	Home agent optimization for handling mobile IP and static MPLS (multiprotocol label swithching)	15.07.2002
200211288	Networks	2004/012710	249373	MX	Home agent optimization for handling mobile IP and static label switched paths	15.07.2002
200211288	Networks	PI0215749-7	PI0215749-7	BR	Home agent optimization for handling mobile IP and static label switched paths	15.07.2002
200211288	Networks	02807593.5	1522171	IT	Home agent optimization for handling mobile IP and static MPLS (multiprotocol label swithching)	15.07.2002
200211288	Networks	02807593.5	1522171	FR	Home agent optimization for handling mobile IP and static MPLS (multiprotocol label swithching)	15.07.2002
200211288	Networks	02807593.5	60214605,4	DE	Home agent optimization for handling mobile IP and static MPLS (multiprotocol label swithching)	15.07.2002
199905118	Networks	10/111,503	6693588	US	Verfahren zum Kalibrieren einer elektronisch phasengesteuerten Gruppenantenne in Funk-Kommunikationssystemen	24.10.2000
199905118	Networks	00983055.5	1234355	IT	Verfahren zum Kalibrieren einer elektronisch phasengesteuerten Gruppenantenne in Funk-Kommunikationssystemen	24.10.2000
200298077	Networks	10/411,352	7266143	US	METHOD FOR MULTIPLE ACCESS INTERFERENCE SUPPRESSION, AND RECEIVER	11.04.2003
200298077	Networks	03100917.8	60300127	DE	Menetelmä monikäyttöhäiriön poistamiseksi ja vastaanotin	07.04.2003
200298077	Networks	03100917.8	1353451	FR	Menetelmä monikäyttöhäiriön poistamiseksi ja vastaanotin	07.04.2003
200298103	Networks	10/286979	7069052	US	DATA TRANSMISSION METHOD IN BASE STATION OF RADIO SYSTEM, BA SE STATION OF RADIO SYSTEM, AND ANTENNA ARRAY OF BASE STATION	04.11.2002
200298118	Networks	10/313946	7042885	US	SYSTEM AND METHOD FOR IMPLEMENTING A DISTRIBUTED SERVICE PLA TFORM USING A SYSTEM-WIDE SWITCHTAG DEFINITION	05.12.2002
200800926	Networks	12/230,011	8934928	US	MATCH MAKER SERVICE	21.08.2008
200117110	Networks	10152339.4	10152339	DE	Verfahren und Kommunikationseinrichtung zur Realisierung zumindest einer ausfallsicheren Kommunikationsbeziehung durch eine in einem Kommunikationsnetz angeordnete Kommunikationseinrichtung.	24.10.2001
200117110	Networks	02817872.6	457483	CN	Verfahren und Kommunikationseinrichtung zur Realisierung zumindest einer ausfallsicheren Kommunikationsbeziehung durch eine in einem Kommunikationsnetz angeordnete Kommunikationseinrichtung.	13.09.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200117110	Networks	02774363.2	1425872	ES	Verfahren und Kommunikationseinrichtung zur Realisierung zumindest einer ausfallsicheren Kommunikationsbeziehung durch eine in einem Kommunikationsnetz angeordnete Kommunikationseinrichtung.	13.09.2002
200117110	Networks	02774363.2	1425872	FR	Verfahren und Kommunikationseinrichtung zur Realisierung zumindest einer ausfallsicheren Kommunikationsbeziehung durch eine in einem Kommunikationsnetz angeordnete Kommunikationseinrichtung.	13.09.2002
200117110	Networks	02774363.2	1425872	GB	Verfahren und Kommunikationseinrichtung zur Realisierung zumindest einer ausfallsicheren Kommunikationsbeziehung durch eine in einem Kommunikationsnetz angeordnete Kommunikationseinrichtung.	13.09.2002
200117110	Networks	02774363.2	1425872	IT	Verfahren und Kommunikationseinrichtung zur Realisierung zumindest einer ausfallsicheren Kommunikationsbeziehung durch eine in einem Kommunikationsnetz angeordnete Kommunikationseinrichtung.	13.09.2002
199802869	Networks	99947452.1	59913392,9	DE	Verfahren und Server zur Behandlung von IN-CALLS bei In-Dienstrufnummernportabilität	01.10.1999
199802869	Networks	99813977.7	638770	CN	Verfahren zur Behandlung von IN-Calls	01.10.1999
199802869	Networks	09/806,406	7190779	US	Verfahren zur Behandlung von IN-Calls	01.10.1999
200801853	Networks	10/386,044	7545735	US	SCALABLE PROTECTION MECHANISM FOR HIERARCHICAL MULTICAST SERVICE IN RING BASED NETWORKS	11.03.2003
200801956	Networks	10/201,812	7466697	US	LINK MULTIPLEXING MECHANISM UTILIZING PATH ORIENTED FORWARDING	23.07.2002
199807499	Networks	99302895.0	966146	SE	Low-pass filters for splitterless pots and data transmission	14.04.1999
199807499	Networks	09/107,313	6144734	US	Low-Pass Filters For Splitterless Pots And Data Transmission	30.06.1998
199807499	Networks	99302895.0	966146	FR	Low-pass filters for splitterless pots and data transmission	14.04.1999
199807499	Networks	99302895.0	69931847,5	DE	Low-pass filters for splitterless pots and data transmission	14.04.1999
200123901	Networks	02827176.9	306059	CN	"Bandbreiteneffiziente Übertragung komprimierter Sprache mittels ATM/AALx oder IP zwischen Vermittelungsstellen in GSM Netzen ohne zusätzlichen Qualitätsverlust"	15.01.2002
200123817	Networks	10/499,741	7599352	US	A Method for Providing PSTN/ISDN Services in Next Generation Networks	17.12.2002
199801061	Networks	99907268.9	59911275,1	DE	Verfahren zur digitalen Datenuebertragung mit variabler Bandbreite	22.01.1999
199801061	Networks	99907268.9	1050156	GB	Verfahren zur digitalen Datenuebertragung mit variabler Bandbreite	22.01.1999
199801061	Networks	99802342.6	152187	CN	Verfahren zur digitalen Datenuebertragung mit variabler Bandbreite	22.01.1999
199801061	Networks	09/600,910	6882657	US	Verfahren zur digitalen Datenuebertragung mit variabler Bandbreite	22.01.1999
200626064	Networks	11/952,229	8000282	US	Cooperative Uplink Relaying using Dirty Paper Coding	07.12.2007
199902552	Networks	19938483.5	19938483	DE	Vorrichtung und Verfahren fuer das Routing von ATM-Zellen zur Implementierung in Hardware oder Software	13.08.1999
200703978	Networks	159/KOL/2008		IN	Method and device for providing content information and system comprising such device	29.01.2008
200800628	Networks	08104634.4		EP	Method and device for data processing and communication system comprising such device	04.07.2008
200802118	Networks	12/192,534	8412287	US	POWER SAVING SUPPORT FOR WIRELESS NETWORKS	15.08.2008
200298004	Networks	10/501,581	7212818	US	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200298004	Networks	02722028.4	60204803,6	DE	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200298004	Networks	02722028.4	1468582	FR	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200298004	Networks	02722028.4	1468582	GB	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200801895	Networks	11/538,146	7660330	US	CLOCK SYNCHRONIZATION AND DISTRIBUTION OVER AN OPTICAL ETHERNET NETWORK	03.10.2006
200801926	Networks	10/190,236	7197008	US	End-to-end notification of local protection using OAM protocol	05.07.2002
200301409	Networks	03007045.2	60307733,1	DE	Tuneless rectangular dielectric waveguide filter	27.03.2003
200301409	Networks	03007045.2	1376746	FR	Tuneless rectangular dielectric waveguide filter	27.03.2003
200301409	Networks	03007045.2	1376746	GB	Tuneless rectangular dielectric waveguide filter	27.03.2003
200301409	Networks	03007045.2	1376746	IT	Tuneless rectangular dielectric waveguide filter	27.03.2003
200298081	Networks	10/378,653	7324549	US	SYNCHRONISATION IN COMMUNICATION SYSTEMS	05.03.2003
200298081	Networks	200510007880.6	404754	CN	SYNCHRONISATION IN COMMUNICATION SYSTEMS	05.03.2003
200298081	Networks	03251290.7	60323895,5	DE	SYNCHRONISATION IN COMMUNICATION SYSTEMS	04.03.2003
200298081	Networks	03251290.7	1343279	FR	SYNCHRONISATION IN COMMUNICATION SYSTEMS	04.03.2003
199804851	Networks	09/830,408	7 009 944	US	METHOD AND APPARATUS FOR POWER CONTROL	27.10.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200120245	Networks	10/498,082	7162667	US	Method for Preventing Total Failure of a Processing Unit for Protocol Information	06.12.2002
200410439	Networks	10 2004 030 292.8	10 2004 030 292	DE	Verfahren zum Betrieb eines Funkkommunikationssystems mit Teilnehmerstationen als Weiterleitungsknoten, Routingverfahren sowie entsprechende Teilnehmerstation und Routing-Einheit	23.06.2004
200410439	Networks	11/630,153	7734250	US	Verfahren zum Betrieb eines Funkkommunikationssystems mit Teilnehmerstationen als Weiterleitungsknoten, Routingverfahren sowie entsprechende Teilnehmerstation und Routing-Einheit	02.06.2005
200298117	Networks	10/302709	6850492	US	METHOD AND SYSTEM FOR ENABLING A ROUTE AND FLOW TABLE UPDATE IN A DISTRIBUTED ROUTING PLATFORM	22.11.2002
200298117	Networks	10/424,222	7230914	US	Method and system for synchronizing a standby route distributor in a distributed routing platform	25.04.2003
200298131	Networks	10/403801	6833813	US	Method, receiver and system for determining the time of rece ption of a beacon signal	28.03.2003
200121217	Networks	10/094,066	6792100	US	Method and Apparatus for Sharing Signaling Point Codes in a Network	08.03.2002
200298048	Networks	10/180,204	7293060	US	Electronic Disc Jockey Service	27.06.2002
200098014	Networks	01901230.1	60134455,3	DE	AUTOCONFIGURATION OF CONTROL CONNECTIONS IN AN EXCHANGE	09.01.2001
200098014	Networks	01901230.1	1238497	GB	AUTOCONFIGURATION OF CONTROL CONNECTIONS IN AN EXCHANGE	09.01.2001
200098014	Networks	10/182,546	7307957	US	AUTOCONFIGURATION OF CONTROL CONNECTIONS IN AN EXCHANGE	09.01.2001
200505123	Networks	2007-7024346	1243730	KR	Fast Synchronised Transparent Handover Method and System	21.03.2006
200505123	Networks	11/887,000	8345627	US	Fast Synchronised Transparent Handover Method and System	21.03.2006
200505123	Networks	2007/08176	2007/8176	ZA	Fast Synchronised Transparent Handover Method and System	21.03.2006
200100993	Networks	10129324.0	10129324	DE	Verfahren zum interoperablen Betreiben von xDSL Modems	19.06.2001
200801880	Networks	10/459,217	7613212	US	CENTRALIZED CLOCK SYNCHRONIZATION FOR TIME DIVISION MULTIPLEXED TRAFFIC TRANSPORTED OVER ETHERNET NETWORKS	10.06.2003
199998162	Networks	09/410978	6954735	US	Method and System of Shopping With a Mobile Device to Purcha se Goods and/or Services	01.10.1999
200507622	Networks	11/415,435	7742767	US	Improving cell edge performance in a cellular communication system	02.05.2006
200214149	Networks	10/668,603	6937493	US	Programmierung eines Speicherbausteins über ein Boundary Scan-Register	24.09.2003
200001116	Networks	01905657.1	50105827,3	DE	Verfahren und Vorrichtung zur Zugangssteuerung eines Kommunikationsnetzes	09.01.2001
200001116	Networks	12/058,415	8174979	US	Verfahren und Vorrichtung zur Zugangssteuerung eines Kommunikationsnetzes	28.03.2008
200001116	Networks	01803900.6	210274	CN	Verfahren und Vorrichtung zur Zugangssteuerung eines Kommunikationsnetzes	09.01.2001
200001116	Networks	01905657.1	1249154	GB	Verfahren und Vorrichtung zur Zugangssteuerung eines Kommunikationsnetzes	09.01.2001
200111754	Networks	09/902,349	7133694	US	Transcoder Free Operation Break Equipment (TBE)	10.07.2001
199805829	Networks	09/856,919	6947429	US	VERFAHREN ZUM ABSTIMMEN VON PAKETVERLUSTPRIORIT-AETSINFORMATIONEN FUER EINE UEBERLASTSTEUERUNG EINER DATENPAKETE VERMITTELNDEN KOMMUNIKATIONSEINRICHTUNG	12.11.1999
200198080	Networks	10/792,092	8218545	US	Implementing multicasting	06.09.2002
200302685	Networks	10/541,707	7382745	US	Verfahren zur Zuweisung funktechnischer Ressourcen für eine Datenübertragung in einem Funkkommunikationssystem	21.01.2004
200511906	Networks	200680034736.4	589981	CN	Method for Augmenting a Network	23.08.2006
200511906	Networks	05020776.0	1768307	GB	Method for Augmenting a Network	23.09.2005
200511906	Networks	05020776.0	60 2005 010 868.8	DE	Method for Augmenting a Network	23.09.2005
200511906	Networks	11/992,282	7885193	US	Method for Augmenting a Network	23.08.2006
199702128	Networks	09/133,925	6256761	US	Integrierter elektronischer Baustein mit Hardware-Fehlereinspeisung fuer Pruefzwecke	13.08.1998
199701958	Networks	09/462,184	6598158	US	Rechnersystem	21.07.1998
199802913	Networks	99957856.0	59915257,5	DE	Netzarchitektur fuer Kommunikations- und/oder Datennetze	05.10.1999
199802913	Networks	99957856.0	1123614	FR	Netzarchitektur fuer Kommunikations- und/oder Datennetze	05.10.1999
199802913	Networks	99957856.0	1123614	GB	Netzarchitektur fuer Kommunikations- und/oder Datennetze	05.10.1999
199802913	Networks	09/807,889	7010618	US	Netzarchitektur fuer Kommunikations- und/oder Datennetze	05.10.1999
200398114	Networks	10/634,986	7321562	US	Packet transmission method, network element and arrangement	06.08.2003
200310149	Networks	10350907.0	10350907	DE	Verfahren, Funkstation und Computerprogrammprodukt zum Zugriff auf Funkressourcen in einem Adhoc-Funkkommunikationssystem	31.10.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200310149	Networks	PI0416125-4		BR	Verfahren, Funkstation und Computerprogrammprodukt zum Zugriff auf Funkressourcen in einem Adhoc-Funkkommunikationssystem	09.09.2004
200310149	Networks	04766751.4	1678887	GB	Verfahren, Funkstation und Computerprogrammprodukt zum Zugriff auf Funkressourcen in einem Adhoc-Funkkommunikationssystem	09.09.2004
200310149	Networks	2006-7010119	1048249	KR	Verfahren, Funkstation und Computerprogrammprodukt zum Zugriff auf Funkressourcen in einem Adhoc-Funkkommunikationssystem	09.09.2004
200310149	Networks	200480032436.3	600881	CN	Verfahren, Funkstation und Computerprogrammprodukt zum Zugriff auf Funkressourcen in einem Adhoc-Funkkommunikationssystem	09.09.2004
200310149	Networks	04766751.4	1678887	PL	Verfahren, Funkstation und Computerprogrammprodukt zum Zugriff auf Funkressourcen in einem Adhoc-Funkkommunikationssystem	09.09.2004
200398035	Networks	10/690,832	7539207	US	Method and base station for controlling link adaptation and packet scheduling in high speed downlink packet access (HSDPA) radio system	23.10.2003
199898032	Networks	09/774998	7231028	US	METHOD AND SYSTEM FOR THE MANAGEMENT OF SUBSCRIBER FUNCTIONS	27.07.1999
199898032	Networks	99936633.9	69929209,3	DE	METHOD AND SYSTEM FOR THE MANAGEMENT OF SUBSCRIBER FUNCTIONS	27.07.1999
199898032	Networks	99936633.9	1104632	GB	METHOD AND SYSTEM FOR THE MANAGEMENT OF SUBSCRIBER FUNCTIONS	27.07.1999
200521101	Networks	11/600,812	7817594	US	Verfahren zum Betrieb einer Vorrichtung in einem Funkzugangsnetz eines Funkkommunikationssystems sowie Funkzugangsnetz und Vorrichtung	17.11.2006
200521101	Networks	05025230.3	50 2005 006 619.7	DE	Verfahren zum Betrieb einer Vorrichtung in einem Funkzugangsnetz eines Funkkommunikationssystems sowie Funkzugangsnetz und Vorrichtung	18.11.2005
200521101	Networks	05025230.3	1788748	FR	Verfahren zum Betrieb einer Vorrichtung in einem Funkzugangsnetz eines Funkkommunikationssystems sowie Funkzugangsnetz und Vorrichtung	18.11.2005
200521101	Networks	05025230.3	1788748	GB	Verfahren zum Betrieb einer Vorrichtung in einem Funkzugangsnetz eines Funkkommunikationssystems sowie Funkzugangsnetz und Vorrichtung	18.11.2005
199998021	Networks	09/937577	7110484	US	METHOD AND ARRANGEMENT FOR CHANGING PARALLEL CLOCK SIGNALS I N A DIGITAL DATA TRANSMISSION	31.03.2000
199998030	Networks	10/009443	7408942	US	An element for a communications system	02.06.2000
200414507	Networks	2007-7005047	1249424	KR	Method to decentralize the counting of abnormal call release events on a per cell base in digital cellular communication networks	24.08.2005
200414507	Networks	11/661,338	7953404	US	Method to Decentralize the Counting of Abnormal Call Release Events on a Per Cell Base in Digital Cellular Communication Networks	24.08.2005
199998112	Networks	09/715,839	6987974	US	METHOD FOR ESTABLISHING A CALL IN THE PRESENCE OF OUTBAND IN DICATION OF PSTN INVOLVEMENT AT MULTIMEDIA CALL SETUP	17.11.2000
199998145	Networks	09/727889	6839545	US	Transmission method of reception information on communicatio n connection	01.12.2000
199902756	Networks	09/656,708	6757378	US	Schaltungsanordnung zur Erkennung von Verbindungswuenschen an einer analogen Teilnehmerleitung	07.09.2000
199801057	Networks	2318082	2318082	CA	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON PROZESSEN AUF EINEM COMPUTERSYSTEM	04.11.1998
199801057	Networks	98963317.7	1047990	GB	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON PROZESSEN AUF EINEM COMPUTERSYSTEM	04.11.1998
199801057	Networks	98963317.7	59801723,2	DE	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON PROZESSEN AUF EINEM COMPUTERSYSTEM	04.11.1998
199801439	Networks	99911616.3	59900635,8	DE	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
199801439	Networks	99911616.3	1066734	GB	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199801439	Networks	99804489.X	139641	CN	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
199801439	Networks	12-538535	3472264	JP	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
200298064	Networks	02411/CHENP/2004	220915	IN	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	10/507,907	7778979	US	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298073	Networks	10/231191	7130614	US	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	30.08.2002
200298073	Networks	03791102.1	60310417,7	DE	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	28.08.2003
200298073	Networks	03791102.1	1535488	GB	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	28.08.2003
200298073	Networks	03791102.1	1535488	SE	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	28.08.2003
199905111	Networks	10/111,718	7171395	US	Verfahren zum Betreiben eines Zweitrechners, Vermittlungseinrichtungen fuer den ausfallsicheren Betrieb und zugehoeriges Programm	27.10.2000
199898094	Networks	09/566271	6308081	US	TRANSMISSION METHOD AND RADIO SYSTEM	06.09.1999
199998019	Networks	09/889125	6538613	US	ARRANGEMENT FOR AIMING A RADIO LINK ANTENNA	20.01.2000
199998019	Networks	00901642.9	1145375	IT	ARRANGEMENT FOR AIMING A RADIO LINK ANTENNA	20.01.2000
199898074	Networks	09/212608	6556820	US	MOBILITY MANAGEMENT FOR TERMINALS WITH MULTIPLE SUBSCRIPTION S	16.12.1998
199898075	Networks	09/365320	6456849	US	APPARATUS AND ASSOCIATED METHOD, FOR ALLOCATING RESOURCES IN A RADIO COMMUNICATION SYSTEM TO PERFORM A COMMUNICATION SERVICE	30.07.1999
199898085	Networks	09/646226	6600924	US	CELL HANDOVER METHOD AND CELLULAR RADIO SYSTEM	16.03.1999
199898085	Networks	99804055.X	ZL99804055.X	CN	CELL HANDOVER METHOD AND CELLULAR RADIO SYSTEM	16.03.1999
199898085	Networks	99907651.6	1064809	IT	CELL HANDOVER METHOD AND CELLULAR RADIO SYSTEM	16.03.1999
199898085	Networks	99907651.6	1064809	WE	CELL HANDOVER METHOD AND CELLULAR RADIO SYSTEM	16.03.1999
199698010	Networks	09/875414	6895051	US	Video data encoder and decoder	06.06.2001
199998068	Networks	PCT/PI0013104-0	PI0013104-0	BR	Method for handling a call when destined subscriber is unable to answer	11.08.2000
199998068	Networks	10/049437	6983145	US	Method for handling a call when destined subscriber is unabl e to answer	11.08.2000
199998068	Networks	00953201.1	600 39 174.4	DE	Method for handling a call when destined subscriber is unabl e to answer	11.08.2000
199998068	Networks	00953201.1	1203503	FR	Method for handling a call when destined subscriber is unabl e to answer	11.08.2000
199998068	Networks	00953201.1	1203503	GB	Method for handling a call when destined subscriber is unabl e to answer	11.08.2000
200112914	Networks	10143228.3	10143228	DE	Verfahren zum Routen von Verbindungen in einem funkgestützten Ad-hoc-Netz und Netzstation zum Durchführen eines solchen Verfahrens	04.09.2001
200301426	Networks	02425565.5	60209208,6	DE	Uplink power adjustment for a point-to-multipoint wireless communication system	20.09.2002
200612716	Networks	12/308,712	8311000	US	Method for maintaining synchronisation in a radio communications system	18.06.2007
200612716	Networks	07786757.0		WE	Method for maintaining synchronisation in a radio communications system	18.06.2007
200113385	Networks	10145490.2	10145490	DE	Verfahren zum Austausch von Nachrichten in einer Chatgruppe	14.09.2001
200113385	Networks	02818047.X	393086	CN	Verfahren zum Austausch von Nachrichten in einer Chatgruppe	30.08.2002
200115401	Networks	01823869.6	1293733	CN	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlichen Anforderungen an die Qualität eines Übertragungsdienstes in einem paketvermittelnden Datenkommunikationsnetz	10.12.2001
200115401	Networks	01995603.6	50115595,3	DE	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	ES	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	FR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	GB	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	IT	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	2004-7008922	632529	KR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlichen Anforderungen an die Qualität eines Übertragungsdienstes in einem paketvermittelnden Datenkommunikationsnetz	10.12.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200115401	Networks	PI0117193-3	PI0117193-3	BR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlichen Anforderungen an die Qualität eines Übertragungsdienstes in einem paketvermittelnden Datenkommunikationsnetz	10.12.2001
200115401	Networks	01995603.6	TR201009313T4	TR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	PT	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
199702069	Networks	09/485,032	6810419	US	Bedieneinrichtung zur Bedienung eines Netz-Management-Systems	30.07.1998
199798023	Networks	09/380701	6799021	US	METHOD AND ARRANGEMENT FOR FORMING AN ADDRESS	13.03.1998
200608913	Networks	06013609.0		EP	Verfahren zum Bereitstellen von Daten über einen Pilotkanal eines Funk-Kommunikationssystems	30.06.2006
200608913	Networks	11/822,158	8019341	US	Verfahren zum Bereitstellen von Daten über einen Pilotkanal eines Funk-Kommunikationssystems	02.07.2007
200311302	Networks	200410055664.4	590966	CN	Common radio resource management method in a multi-rat cellular telephone network	02.08.2004
200311302	Networks	03425514.1	60319975,5	DE	Common radio resource management method in a multi-rat cellular telephone network	31.07.2003
200311302	Networks	03425514.1	1503606	GB	Common radio resource management method in a multi-rat cellular telephone network	31.07.2003
200311302	Networks	03425514.1	1503606	FR	Common radio resource management method in a multi-rat cellular telephone network	31.07.2003
200311302	Networks	10/884,924	7224977	US	Common radio resource management method in a multi-rat cellular telephone network	07.07.2004
200219852	Networks	10305091.4	10305091	DE	Verfahren zur Positionsbestimmung eines Teilnehmers in einem Funkkommunikationssystem	07.02.2003
200219852	Networks	10/773,364	7020473	US	Verfahren zur Positionsbestimmung eines Teilnehmers in einem Funkkommunikationssystem	09.02.2004
200619955	Networks	10 2006 055 959.2	10 2006 055 959	DE	Verfahren und Vorrichtung zum Austausch von Daten	24.11.2006
200520330	Networks	05024343.5	50 2005 006 615.4	DE	Verfahren zum Kodieren von Sprachdaten in einem Funkzugangsnetz sowie Vorrichtung	08.11.2005
200520330	Networks	05024343.5	1784029	FR	Verfahren zum Kodieren von Sprachdaten in einem Funkzugangsnetz sowie Vorrichtung	08.11.2005
200520330	Networks	05024343.5	1784029	GB	Verfahren zum Kodieren von Sprachdaten in einem Funkzugangsnetz sowie Vorrichtung	08.11.2005
199701941	Networks	09/120,792	6269478	US	Ueberwachungsverfahren zur Erkennung von Endlos-schleifen und blockierten Prozessen in einem Rechnersystem	22.07.1998
199904749	Networks	19947114.2	19947114	DE	Verfahren zum Uebertragen eines hochbitratigen Digitalsignals	30.09.1999
199904749	Networks	00129227.7	170787	CN	Verfahren zum Uebertragen eines hochbitratigen Digitalsignals	30.09.2000
199798074	Networks	09/099487	6131040	US	Langaton viestin	17.06.1998
199798084	Networks	98937585.2	1013125	GB	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
199798084	Networks	98809278.6	ZL98809278.6	CN	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
199798084	Networks	98937585.2	1013125	FR	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
199798084	Networks	98937585.2	1013125	NL	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
199798084	Networks	98937585.2	69833765,4	DE	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
199798084	Networks	2000-506788	4149656	JP	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
199798084	Networks	09/485495	6628937	US	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUNICATION SYSTEM	07.08.1998
200801181	Networks	12/252,166	8045926	US	MULTI-TRANSCEIVER ARCHITECTURE FOR ADVANCED Tx ANTENNA MONITORING AND CALIBRATION IN MIMO AND SMART ANTENNA COMMUNICATION SYSTEMS	15.10.2008
200001740	Networks	01921187.9	50106321,8	DE	Verfahren zur Bereitstellung von Ortsinformation	14.03.2001
200001740	Networks	01921187.9	1275263	FI	Verfahren zur Bereitstellung von Ortsinformation	14.03.2001
200001740	Networks	01921187.9	1275263	GB	Verfahren zur Bereitstellung von Ortsinformation	14.03.2001
200314136	Networks	03026763.7	503 15 374.5	DE	Verfahren und Anordnung zur Unterdrückung von Störsignalen in einem Nutzsignal-Frequenzbereich eines analogen Ausgangssignals	21.11.2003
200314136	Networks	03026763.7	1533962	GB	Verfahren und Anordnung zur Unterdrückung von Störsignalen in einem Nutzsignal-Frequenzbereich eines analogen Ausgangssignals	21.11.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200313559	Networks	200480026688.5	538022	CN	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200313559	Networks	04766432.1		WE	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200313559	Networks	04766432.1		DE	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200313559	Networks	04766432.1		ES	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200313559	Networks	04766432.1		FR	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200313559	Networks	04766432.1		GB	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200313559	Networks	04766432.1		IT	Verfahren und Kommunikationsanordnung zur Detektion zumindest einer weiteren mit zumindest einer Teilnehmeranschlussleitung verbindbaren Kommunikationseinrichtung	05.08.2004
200002011	Networks	10026741.6	10026741	DE	Verfahren und Einrichtung zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2000
200002011	Networks	01949218.0	1285553	FR	Verfahren zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2001
200002011	Networks	01949218.0	1285553	GB	Verfahren zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2001
200002011	Networks	01949218.0	1285553	IT	Verfahren zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2001
200507410	Networks	200510080220.0	865777	CN	Trusty network storage	30.06.2005
199904749	Networks	09/669,003	6628762	US	Verfahren zum Uebertragen eines hochbitratigen Digitalsignals	25.09.2000
200202329	Networks	10/159,207	6819745	US	Method And Apparatus For Testing A POTS Circuit And DSL Circuit Through A Splitter	30.05.2002
200198035	Networks	10/032300	7120207	US	Tranmission method and radio receiver	31.12.2001
199701056	Networks	98907839.9	59804797,2	DE	Verfahren zur Administrierung zusaetzlicher Dienste in einem Kommunikationsnetz	21.01.1998
199701056	Networks	98907839.9	954937	GB	Verfahren zur Administrierung zusaetzlicher Dienste in einem Kommunikationsnetz	21.01.1998
199701056	Networks	98802000.9	150840	CN	Verfahren zur Administrierung zusaetzlicher Dienste in einem Kommunikationsnetz	21.01.1998
199701056	Networks	09/360,359	6363144	US	Verfahren zur Administrierung zusaetzlicher Dienste in einem Kommunikationsnetz	23.07.1999
200001740	Networks	01921187.9	1275263	FR	Verfahren zur Bereitstellung von Ortsinformation	14.03.2001
200198144	Networks	10/154592	7450951	US	METHOD AND ARRANGEMENT FOR LOCATING A MOBILE STATION IN A PACKET-SWITCHED NETWORK AND A MOBILE STATION UTILIZING SAID METHOD	23.05.2002
200198153	Networks	10/183314	7062280	US	Space identification system	25.06.2002
200198157	Networks	10/693261	6876925	US	two-stage interacting multiple models filter for use in a gl obal positioning system	24.10.2003
199701925	Networks	09/463,076	6747952	US	VERFAHREN ZUM OPTIMIEREN DER AUSLASTUNG AUF VERBINDUNGSABSCHNITTENBEI ABR VERKEHR.	03.06.1998
200698011	Networks	11/698,126	7831273	US	POWER EFFICIENT WIRELESS TRANSMISSION	26.01.2007
200402834	Networks	200580005740.3	790835	CN	Verfahren zum Übertragen von Daten innerhalb einer Basisstation eines Mobilfunksystems sowie entsprechende Basisstation	03.01.2005
200402834	Networks	05701422.7	50 2005 007 562.5	DE	Verfahren zum Übertragen von Daten innerhalb einer Basisstation eines Mobilfunksystems sowie entsprechende Basisstation	03.01.2005
200402834	Networks	05701422.7	1719366	ES	Verfahren zum Übertragen von Daten innerhalb einer Basisstation eines Mobilfunksystems sowie entsprechende Basisstation	03.01.2005
200402834	Networks	05701422.7	1719366	GB	Verfahren zum Übertragen von Daten innerhalb einer Basisstation eines Mobilfunksystems sowie entsprechende Basisstation	03.01.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199701652	Networks	09/082,915	6798770	US	Verfahren zur Abwicklung von Fernsprechverbindungen ueber wenigstens ein Fernsprechnetz unter Ausnutzung des Internet	21.05.1998
200604871	Networks	10 2006 011 287.3	10 2006 011 287	DE	Verfahren, Anordnung und Einrichtung zum Überwachen von zumindest einer über ein Kommunikationsnetz geführten Kommunikationsbeziehung	10.03.2006
199702501	Networks	19741703.5	19741703	DE	Verfahren zum Laden von Betriebssoftware sowie Mobiltelefon hierfuer	22.09.1997
199701525	Networks	98925407.3	E328453	AT	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	BE	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	59813573,1	DE	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	ES	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	FI	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	GB	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	IT	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	SE	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	77560/98	745134	AU	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	CH	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98925407.3	978217	FR	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	2288291	2288291	CA	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
199701525	Networks	98804518.4	124561	CN	VERFAHREN ZUM ERSATZSCHALTEN VON UEBERTRAGUNGSEINRICHTUNGEN ZUR BIDIREKTIONALEN UEBERTRAGUNG VON ATM-ZELLEN.	18.03.1998
200302092	Networks	200480004284.6	584251	CN	Zugangskontrolle für ein paketorientiertes Netz unter Berücksichtigung von Resilience Anforderungen	06.02.2004
200302092	Networks	04708742.4	50 2004 004 941.9	DE	Zugangskontrolle für ein paketorientiertes Netz unter Berücksichtigung von Resilience Anforderungen	06.02.2004
200302092	Networks	04708742.4	1593241	ES	Zugangskontrolle für ein paketorientiertes Netz unter Berücksichtigung von Resilience Anforderungen	06.02.2004
200302092	Networks	04708742.4	1593241	FR	Zugangskontrolle für ein paketorientiertes Netz unter Berücksichtigung von Resilience Anforderungen	06.02.2004
200302092	Networks	04708742.4	1593241	GB	Zugangskontrolle für ein paketorientiertes Netz unter Berücksichtigung von Resilience Anforderungen	06.02.2004
200004811	Networks	0001600.6	2358765	GB	COMMUNICATIONS SYSTEM AND METHOD OF DOWNLOADING DATA	25.01.2000
200513971	Networks	11/997,893	8706891	US	Method and communication device for transmitting packet-oriented information	31.07.2006
200318280	Networks	200410037432.6	606999	CN	A method to decrease the interference of UpPCH receiving in TD-SCDMA system	30.04.2004
199702323	Networks	09/508,296	6704323	US	Verfahren und Anordnung zum automatischen Konfigurieren einer Teilnehmereinrichtung mit Netzschnittstelleneinheiten	08.09.1998
200020636	Networks	02804907.1	586377	CN	Verfahren und Anordnung zum Ermitteln der Internetprotokolladresse einer Endgeräteanordnung	23.01.2002
200020636	Networks	02706624.0	50212142,4	DE	Verfahren und Anordnung zum Ermitteln der Internetprotokolladresse einer Endgeräteanordnung	23.01.2002
200020636	Networks	02706624.0	1360821	GB	Verfahren und Anordnung zum Ermitteln der Internetprotokolladresse einer Endgeräteanordnung	23.01.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200020636	Networks	02706624.0	1360821	ES	Verfahren und Anordnung zum Ermitteln der Internetprotokolladresse einer Endgeräteanordnung	23.01.2002
200020636	Networks	02706624.0	1360821	IT	Verfahren und Anordnung zum Ermitteln der Internetprotokolladresse einer Endgeräteanordnung	23.01.2002
200020636	Networks	10/450,087	7313610	US	Verfahren und Anordnung zum Ermitteln der Internetprotokolladresse einer Endgeräteanordnung	23.01.2002
200112020	Networks	02754934.4	50204340,7	DE	Verfahren zum schnellen und lokalen Fehlerbeheben beim Ausfall einzelner physikalischer Verbindungen in gebündelten Kommunikationsverbindungen und Kommunikationssystem-Vorrichtung zum Durchführen des Verfahrens	24.07.2002
200112020	Networks	02754934.4	1415492	FR	Verfahren zum schnellen und lokalen Fehlerbeheben beim Ausfall einzelner physikalischer Verbindungen in gebündelten Kommunikationsverbindungen und Kommunikationssystem-Vorrichtung zum Durchführen des Verfahrens	24.07.2002
200112020	Networks	02754934.4	1415492	GB	Verfahren zum schnellen und lokalen Fehlerbeheben beim Ausfall einzelner physikalischer Verbindungen in gebündelten Kommunikationsverbindungen und Kommunikationssystem-Vorrichtung zum Durchführen des Verfahrens	24.07.2002
200521773	Networks	12/095,581	7961597	US	Verfahren und Vorrichtung zum Selbstkonfigur-ieren eines virtuellen Vermittlungssystems	24.08.2006
200019722	Networks	01811137.8	203735	CN	Strahlformungsverfahren	12.10.2001
200019722	Networks	10/399,108	7158793	US	Strahlformungsverfahren	12.10.2001
200019722	Networks	01987973.3	50115520,1	DE	Strahlformungsverfahren	12.10.2001
200022732	Networks	02100116.9	1235442	GB	Verfahren zum Betrieb eines privaten Telekommunikationsnetzes	08.02.2002
200022732	Networks	02100116.9	1235442	FI	Verfahren zum Betrieb eines privaten Telekommunikationsnetzes	08.02.2002
200022732	Networks	02100116.9	1235442	FR	Verfahren zum Betrieb eines privaten Telekommunikationsnetzes	08.02.2002
200022732	Networks	02100116.9	50208565,7	DE	Verfahren zum Betrieb eines privaten Telekommunikationsnetzes	08.02.2002
200022732	Networks	10/082,827	6834105	US	Verfahren zum Betrieb eines privaten Telekommunikationsnetzes	20.02.2002
200500729	Networks	05000936.4	50 2005 005 521.7	DE	Wahlfreies Logging	18.01.2005
200500729	Networks	05000936.4	1681798	GB	Wahlfreies Logging	18.01.2005
199702087	Networks	09/500,281	7072953	US	Verfahren zur Einrichtung und/oder Bearbeitung eines Dienstes eines intelligenten Netzes	22.07.1998
199701984	Networks	09/123,219	6279120	US	Verfahren zur Speicherung von Rechner-Zustandsdaten bei einem Stoerfall, der ein anschliessendes Wieder-Hochfahren des Rechners erfordert	27.07.1998
200301544	Networks	04702294.2	1590935	GB	Verfahren zur Übertragung von Daten in einem Mehrträger-Funkkommunikationssystem	15.01.2004
200301544	Networks	04702294.2	1590935	IT	Verfahren zur Übertragung von Daten in einem Mehrträger-Funkkommunikationssystem	15.01.2004
200202335	Networks	10/159,209	6986146	US	Method And Apparatus For Providing A State Machine Operating On A Real-time Operating System	30.05.2002
200398122	Networks	10/621257	7263067	US	METHOD AND APPARATUS FOR ACCELERATING THROUGHPUT IN A WIRELESS OR OTHER TELECOMMUNICATION SYSTEM	15.07.2003
200602663	Networks	2227/MUMNP/2008		IN	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
200602663	Networks	2008146506	2438247	RU	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
200602663	Networks	12/226,724	8244304	US	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
200602663	Networks	2008/08899	2008/08899	ZA	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
200198059	Networks	09/815738	6748223	US	Apparatus, and associated method, for providing a digital im age generated at a mobile station to an assistance center	23.03.2001
200601763	Networks	200710109744.7	1043711	CN	METHOD TO IMPROVE THE CHANNEL ESTIMATE IN BROADBAND SIMO/MIMO CELLULAR RADIO NETWORKS DURING ABRUPT INTERFERENCE VARIATIONS	16.02.2007
200601763	Networks	12/224,096	7756007	US	METHOD TO IMPROVE THE CHANNEL ESTIMATE IN BROADBAND SIMO/MIMO CELLULAR RADIO NETWORKS DURING ABRUPT INTERFERENCE VARIATIONS	13.02.2007
200101554	Networks	01110876.8	50106784,1	DE	Verfahren und Anordnung zur Vergebührung eines Dienstes	04.05.2001
200101554	Networks	01110876.8	1255399	GB	Verfahren und Anordnung zur Vergebührung eines Dienstes	04.05.2001
200198150	Networks	02700496.9	1356692	FR	METHOD AND SYSTEM FOR INTER-OPERATOR HANDOVER BETWEEN WCDMA AND GSM	25.01.2002
199602588	Networks	P970105760	AR008708B1	AR	Basisstation fuer ein Funk-Kommunikationssystem	09.12.1997
199602588	Networks	09/319,412	6360106	US	Basisstation fuer ein Funk-Kommunikationssystem	20.11.1997

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199706538	Networks	10-544666	3330618	JP	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	2257035	2257035	CA	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	21.12.1998
199706538	Networks	98923992.6	2209144	ES	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	98923992.6	972423	GB	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	98805437.X	133834	CN	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	76369/98	733507	AU	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	98923992.6	972423	FR	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	59809720.1	59809720,1	DE	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	09/158,061	6331981	US	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	22.09.1998
199706538	Networks	9904553-6	68106	SG	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
200198150	Networks	02700496.9	1356692	GB	METHOD AND SYSTEM FOR INTER-OPERATOR HANDOVER BETWEEN WCDMA AND GSM	25.01.2002
199798081	Networks	08/980942	6163711	US	Method and apparatus for interfacing a mobile phone with a c ar phone	01.12.1997
199898012	Networks	98814344.5	ZL98814344.5	CN	METHOD AND APPARATUS FOR DIRECTIONAL RADIO COMMUNICATION	04.11.1998
199898012	Networks	09/838874	6392595	US	METHOD AND APPARATUS FOR DIRECTIONAL RADIO COMMUNICATION	04.11.1998
199898012	Networks	98954487.9	1129591	GB	METHOD AND APPARATUS FOR DIRECTIONAL RADIO COMMUNICATION	04.11.1998
200198138	Networks	10/327674	7027798	US	Electronic terminal having an emergency message function and insurance system using the same	20.12.2002
200198150	Networks	09/776234	6836471	US	METHOD AND SYSTEM FOR INTER-OPERATOR HANDOVER WCDMA AND GSM	02.02.2001
199898028	Networks	09/795379	6574241	US	MESSAGE MONITORING IN A NETWORK ELEMENT	14.10.1999
200517465	Networks	200680036043.9	1060014	CN	Verfahren zur Überprüfung der Funktion zur Invertierung der Polarität auf einer mehrere Adern umfassenden Teilnehmeranschlussleitung	18.09.2006
200517465	Networks	12/088,063	8107615	US	Verfahren und Einrichtung zur Überprüfung der Funktion zur Invertierung der Polarität auf einer mehrere Adern umfassenden Teilnehmeranschlussleitung	18.09.2006
200298097	Networks	10/655537	7042294	US	POWER AMPLIFER SYSTEM	05.09.2003
200512932	Networks	10/039,292	7444665	US	Interactive Television System	03.01.2002
200106870	Networks	10/738,536	7168011	US	Error-Tolerant Connection Test	22.05.2002
199998022	Networks	09/937,588	7366091	US	METHOD AND ARRANGEMENT FOR CHANGING PARALLEL SIGNALS IN A DI GITAL DATA TRANSMISSION	30.03.2000
199998022	Networks	00917095.2		WE	METHOD AND ARRANGEMENT FOR CHANGING PARALLEL SIGNALS IN A DIGITAL DATA TRANSMISSION	30.03.2000
200308997	Networks	03425412.8	1501326	IT	Medium access control method in point-to-multipoint radio systems adopting peripheral stations with adaptive phy mode	25.06.2003
200308997	Networks	03425412.8	1501326	FR	Medium access control method in point-to-multipoint radio systems adopting peripheral stations with adaptive phy mode	25.06.2003
200308997	Networks	03425412.8	1501326	GB	Medium access control method in point-to-multipoint radio systems adopting peripheral stations with adaptive phy mode	25.06.2003
200308997	Networks	03425412.8	60304312,7	DE	Medium access control method in point-to-multipoint radio systems adopting peripheral stations with adaptive phy mode	25.06.2003
199998075	Networks	99965551.7	1245129	GB	THE DELIVERY OF TIMERS AND PHARMETERS TO THE SERVICE SPECIFI C CONVERGENCE SUBLAYER (SSCS) OF THE SIGNALLING ATM ADAPTATION LAYER (SAAL) AT THE NETWORK NODE INTERFACE (NNI) AND AT THE USER NETWORK INTERFACE (UNI)	23.12.1999
200398166	Networks	10/729,669	7224959	US	Mobile phone business administration tool	05.12.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200398174	Networks	10/744240	7149503	US	SYSTEM AND METHOD FOR ASSOCIATING POSTMARK INFORMATION WITH DIGITAL CONTENT	23.12.2003
200511530	Networks	10 2005 030 598.9	10 2005 030 598	DE	Verfahren und Einrichtung zur Überprüfung des Zuschaltens einer positiven Versorgungsspannung auf eine mehrere Adern umfassende Teilnehmeranschlussleitung	30.06.2005
200511530	Networks	200680023502.X	958857	CN	Verfahren und Einrichtung zur Überprüfung des Zuschaltens einer positiven Versorgungsspannung auf eine mehrere Adern umfassende Teilnehmeranschlussleitung	14.06.2006
200511530	Networks	2007-7030860	1301280	KR	Verfahren und Einrichtung zur Überprüfung des Zuschaltens einer positiven Versorgungsspannung auf eine mehrere Adern umfassende Teilnehmeranschlussleitung	14.06.2006
200511530	Networks	11/994,283	8948347	US	Verfahren und Einrichtung zur Überprüfung des Zuschaltens einer positiven Versorgungsspannung auf eine mehrere Adern umfassende Teilnehmeranschlussleitung	14.06.2006
199998058	Networks	10/000242	6909895	US	SGSN semi anchoring during the inter SGSN SRNC relocation pr ocedure	30.04.1999
199998066	Networks	10/151,318	7277535	US	Controlling connection processing	30.11.2000
199998075	Networks	99965551.7	69936945,2	DE	THE DELIVERY OF TIMERS AND PHARMETERS TO THE SERVICE SPECIFI C CONVERGENCE SUBLAYER (SSCS) OF THE SIGNALLING ATM ADAPTATION LAYER (SAAL) AT THE NETWORK NODE INTERFACE (NNI) AND AT THE USER NETWORK INTERFACE (UNI)	23.12.1999
199998075	Networks	99817057.7	ZL99817057.7	CN	THE DELIVERY OF TIMERS AND PHARMETERS TO THE SERVICE SPECIFI C CONVERGENCE SUBLAYER (SSCS) OF THE SIGNALLING ATM ADAPTATION LAYER (SAAL) AT THE NETWORK NODE INTERFACE (NNI) AND AT THE USER NETWORK INTERFACE (UNI)	23.12.1999
199802423	Networks	09/763,287	6947473	US	Receiver and method of recovering data from radio signals	03.08.1999
199802403	Networks	09/786,063	7286567	US	Telekommunikationssystem sowie Verfahren zum Synchronisieren desselben und zum Senden von Daten	26.08.1999
200412415	Networks	05815729.8	50 2005 013 973.9	DE	Schaltungsanordnung und Verfahren zum Erfassen des Zustandes eines Schaltungsschutzelementes	28.11.2005
200412415	Networks	200580048516.2	892434	CN	Schaltungsanordnung und Verfahren zum Erfassen des Zustandes eines Schaltungsschutzelementes	28.11.2005
200412415	Networks	2007-7016966	1186304	KR	Schaltungsanordnung und Verfahren zum Erfassen des Zustandes eines Schaltungsschutzelementes	28.11.2005
200412415	Networks	11/794,079	7742267	US	Circuit Arrangement and Method for Detecting the State of a Circuit Protection Element	28.11.2005
200400843	Networks	10 2004 003 548.2	10 2004 003 548	DE	Optimierung der Verkehrsverteilung bei Mehrwegerouting	23.01.2004
200400843	Networks	05701478.9		DE	Optimierung der Verkehrsverteilung bei Mehrwegerouting	11.01.2005
200400843	Networks	05701478.9		ES	Optimierung der Verkehrsverteilung bei Mehrwegerouting	11.01.2005
200400843	Networks	05701478.9		FR	Optimierung der Verkehrsverteilung bei Mehrwegerouting	11.01.2005
200400843	Networks	05701478.9		GB	Optimierung der Verkehrsverteilung bei Mehrwegerouting	11.01.2005
200400843	Networks	200580002930.X	914991	CN	Optimierung der Verkehrsverteilung bei Mehrwegerouting	11.01.2005
200400843	Networks	05701478.9		WE	Optimierung der Verkehrsverteilung bei Mehrwegerouting	11.01.2005
200400638	Networks	04425031.4	1557820	GB	Voice activity detection operating with compressed speech signal parameters	22.01.2004
200098015	Networks	2396287	2396287	CA	COMMUNICATIONS SYSTEM HAVING ENHANCED FAULT TOLERANCE	12.01.2001
200098015	Networks	10/169944	7170865	US	COMMUNICATIONS SYSTEM HAVING ENHANCED FAULT TOLERANCE	12.01.2001
200098015	Networks	11/604,755	7656830	US	COMMUNICATIONS SYSTEM HAVING ENHANCED FAULT TOLERANCE	28.11.2006
200098015	Networks	01901236.8	60135730,2	DE	COMMUNICATIONS SYSTEM HAVING ENHANCED FAULT TOLERANCE	12.01.2001
200698009	Networks	11/679,096	8331266	US	LAN TOPOLOGY DETECTION AND ASSIGNMENT OF ADDRESSES	26.02.2007
200107893	Networks	02776724.3	50202255,8	DE	Verfahren und Vorrichtungen zur Header-Kompression in paketorientierten Netzwerken	25.09.2002
200107893	Networks	02776724.3	2233866	ES	Verfahren und Vorrichtungen zur Header-Kompression in paketorientierten Netzwerken	25.09.2002
200107893	Networks	02776724.3	1438825	GB	Verfahren und Vorrichtungen zur Header-Kompression in paketorientierten Netzwerken	25.09.2002
200414965	Networks	04787099.3	60 2004 047 769.9	DE	Simple and resource-efficient resilient network Systems	03.09.2004
200414965	Networks	04787099.3	1661337	GB	Simple and resource-efficient resilient network Systems	03.09.2004
200498028	Networks	10/853,819	8788265	US	SYSTEM AND METHOD FOR BABBLE NOISE DETECTION	25.05.2004
200298033	Networks	03396108.7	1434451	GB	RECONFIGURATION OF A MOBILE TELECOMMUNICATIONS NETWORK ELEME NT	26.11.2003
200298060	Networks	10/101900	6898729	US	Methods and apparatus for transmitting MIDI data over a loss y communications channel	19.03.2002
200298033	Networks	10/329,361	7260397	US	RECONFIGURATION OF A MOBILE TELECOMMUNICATIONS NETWORK ELEMENT	27.12.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200298033	Networks	03396108.7	1434451	FR	RECONFIGURATION OF A MOBILE TELECOMMUNICATIONS NETWORK ELEME NT	26.11.2003
200298033	Networks	200310124317.8	452096	CN	RECONFIGURATION OF A MOBILE TELECOMMUNICATIONS NETWORK ELEMENT	26.12.2003
200298033	Networks	03396108.7	60318933.4-08	DE	RECONFIGURATION OF A MOBILE TELECOMMUNICATIONS NETWORK ELEME NT	26.11.2003
199898091	Networks	09/555876	6580747	US	Method and generator for generating orthogonal spreading cod e in CDMA radio system	08.10.1999
199998002	Networks	11/316,955	7466744	US	PARALLEL INTERFERENCE CANCELLATION ARCHITECTURE FOR A MULTIU SER CDMA RECEIVER	27.12.2005
199998018	Networks	09/949588	6882683	US	MONITORING METHOD AND MONITORING ARRANGEMENT	10.03.2000
199801748	Networks	09/716,899	6792526	US	Steuerungssystem zur Steuerung der Inbetriebnahme eines verteilten Systems	20.11.2000
200702316	Networks	07013104.0		EP	Method and device for data processing and communication system comprising such device	04.07.2007
199798070	Networks	09/015574	6185417	US	System for saving and reading text messages	30.01.1998
200802078	Networks	12/229,079	8116278	US	SPECTRUM SHARING BETWEEN OFDM AND NON-OFDM RADIOS	20.08.2008
200802405	Networks	08105479.3		EP	Improved probe calibration for an active antenna	02.10.2008
200300641	Networks	04702693.5	1586206	GB	Verfahren zur Synchronisation in heterogenen Netzen	16.01.2004
199798037	Networks	09/568,927	7340246	US	TRANSMISSION OF INFORMATION DURING CALL ESTABLISHMENT	16.11.1998
200511910	Networks	200680032873.4	101258715	CN	Optimized bandwidth allocation for guaranteed bandwidth services	21.08.2006
200511910	Networks	11/991,721	8320237	US	Optimized bandwidth allocation for guaranteed bandwidth services	21.08.2006
199998136	Networks	09/913953	6600454	US	ANTENNA RADIATOR	22.02.2000
200098031	Networks	20001531	112024	FI	CONTROLLING ROAMING IN A MOBILE SYSTEM	28.06.2000
200098031	Networks	01951740.8	1308063	AT	CONTROLLING ROAMING IN A MOBILE SYSTEM	27.06.2001
200098031	Networks	01951740.8	1308063	CH	CONTROLLING ROAMING IN A MOBILE SYSTEM	27.06.2001
200098031	Networks	01811960.3	ZL01811960.3	CN	CONTROLLING ROAMING IN A MOBILE SYSTEM	27.06.2001
200098031	Networks	10/327,962	7409210	US	CONTROLLING ROAMING IN A MOBILE SYSTEM	27.06.2001
200098031	Networks	2413719	2413719	CA	CONTROLLING ROAMING IN A MOBILE SYSTEM	27.06.2001
200098031	Networks	01951740.8	1308063	FR	CONTROLLING ROAMING IN A MOBILE SYSTEM	27.06.2001
199798090	Networks	09/485268	6587693	US	E-MAIL TRAFFIC IN A MOBILE COMMUNICATIONS SYSTEM	31.08.1998
200512937	Networks	09/945,350	7363643	US	Real-Time Audience Monitoring Content Rating and Content Enhancing	31.08.2001
200512937	Networks	11/894,416	8006259	US	Real-Time Audience Monitoring Content Rating and Content Enhancing	31.08.2001
200310258	Networks	10350909.7	10350909	DE	Verfahren zur Signalisierung eines Pfades an Funkstationen eines Funkkommunikationssystems	31.10.2003
200310258	Networks	200480032541.7	805872	CN	Verfahren zur Signalisierung eines Pfades an Funkstationen eines Funkkommunikationssystems	21.10.2004
200310258	Networks	1854/DELNP/2006		IN	Verfahren zur Signalisierung eines Pfades an Funkstationen eines Funkkommunikationssystems	21.10.2004
200310258	Networks	2006-7010703	1068365	KR	Verfahren zur Signalisierung eines Pfades an Funkstationen eines Funkkommunikationssystems	21.10.2004
200310258	Networks	10/577,664	8971899	US	Verfahren zur Signalisierung eines Pfades an Funkstationen eines Funkkommunikationssystems	21.10.2004
200183138	Networks	02732577.8	1384344	GB	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200183138	Networks	PI0209278-6	PI0209278-6	BR	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200183138	Networks	10/680,122	7289574	US	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.10.2003
200213336	Networks	10/637,044	7257215	US	Load Sharing in SS7-Netzen	08.08.2003
200600240	Networks	10 2006 043 701.2	10 2006 043 701	DE	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	18.09.2006
200801927	Networks	10/201,852	7093027	US	Fast connection protection in a virtual local area network based stack environment	23.07.2002
200703831	Networks	11/976,743	7778247	US	Cross Layer Network Optimization for OFDMA Systems using the Beta-Min-Sum Belief Propagation Algorithm	26.10.2007
200298095	Networks	10/427,997	8223769	US	METHOD AND CIRCUITRY FOR PROCESSING DATA	02.05.2003
199905295	Networks	10/130,703	6970550	US	Verfahren zur Ansteuerung von Servern	22.11.2000
200183138	Networks	02732577.8	3055021	GR	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200183138	Networks	02732577.8	1384344	PT	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200510856	Networks	200680022358.8	893130	CN	Verfahren und Einrichtung zur Bestimmung des Leckwiderstands von zumindest einer Ader einer mehrere Adern aufweisenden Teilnehmeranschlussleitung in einem Kommunikationsnetz	07.06.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200510856	Networks	2007-7030904	1287008	KR	Verfahren und Einrichtung zur Bestimmung des Leckwiderstands von zumindest einer Ader einer mehrere Adern aufweisenden Teilnehmeranschlussleitung in einem Kommunikationsnetz	07.06.2006
200510856	Networks	11/993,654	8358743	US	Verfahren und Einrichtung zur Bestimmung des Leckwiderstands von zumindest einer Ader einer mehrere Adern aufweisenden Teilnehmeranschlussleitung in einem Kommunikationsnetz	07.06.2006
199902033	Networks	09/594,909	6442257	US	Anordnung zur Gebührenerhebung in einem Telefonnetz und Verfahrenzum Betrieb einer solchen	15.06.2000
200001784	Networks	01936024.7	50115558,9	DE	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	ES	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	FR	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	GB	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	IT	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	10/221,490	7218726	US	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200600240	Networks	200780001402.1	683411	CN	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	2008-7012342	10-0987875	KR	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200198007	Networks	10/028344	7180915	US	APPARATUS, AND AN ASSOCIATED METHOD, FOR FACILITATING SYNCHR ONIZATION IN A WIRELESS MESH NETWORK	21.12.2001
199901185	Networks	00101963.7	50008793,8	DE	Vorrichtung und Verfahren zur Vergebührung von Diensten in einem intelligenten Netzwerk	01.02.2000
199901185	Networks	00101963.7	1035723	GB	Vorrichtung und Verfahren zur Vergebührung von Diensten in einem intelligenten Netzwerk	01.02.2000
199802608	Networks	09/787,520	6581156	US	Verfahren zur Erfassung des Datenzustandes	01.09.1999
200598027	Networks	2008107416	2385549	RU	METHOD AND ARRANGEMENT FOR RADIO RESOURCE CONTROL	31.08.2006
200598027	Networks	2008/1879	2008/1879	ZA	METHOD AND ARRANGEMENT FOR RADIO RESOURCE CONTROL	31.08.2006
200208725	Networks	10/219,776	7113794	US	WLAN DEVICE POSITIONING	15.08.2002
199701068	Networks	09/014,113	6198923	US	VERFAHREN ZUR UEBERTRAGUNG VON INFORMATIONEN ZWISCHEN MOBILSTATIONEN UND EINEM KOMMUNIKATIONSNETZ	27.01.1998
200507498	Networks	05425269.7	1718003	FR	Method to overcome the strict metric scope of the RIP Protocol without having impact on existing installations	29.04.2005
200507498	Networks	05425269.7	60 2005 011 252.9	DE	Method to overcome the strict metric scope of the RIP Protocol without having impact on existing installations	29.04.2005
200507498	Networks	05425269.7	1718003	GB	Method to overcome the strict metric scope of the RIP Protocol without having impact on existing installations	29.04.2005
200507498	Networks	05425269.7	1718003	IT	Method to overcome the strict metric scope of the RIP Protocol without having impact on existing installations	29.04.2005
200698008	Networks	11/452,752	7471247	US	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAYER	13.06.2006
200698008	Networks	200780029679.5	1098025	CN	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAY ER	11.06.2007
200698008	Networks	2615/MUMNP/2008	274588	IN	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAY ER	11.06.2007
200404121	Networks	200580030368.1	688417	CN	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200404121	Networks	2007-7005481	10-0870348	KR	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200404121	Networks	05776202.3	1719329	IT	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200404121	Networks	05776202.3	50 2005 001 529.0	DE	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200404121	Networks	05776202.3	2294734	ES	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200404121	Networks	05776202.3	1719329	FR	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200404121	Networks	05776202.3	1719329	GB	Verfahren zum Übertragen von Telekommunikationsdaten von einem Zugangsnetzwerk zu einem Media Gateway Controller	26.07.2005
200198093	Networks	02803159.8	ZL02803159.8	CN	RECEIVER TO DETERMINE MODULATION TYPE	30.09.2002
200109403	Networks	10/152,799	6 795 018	US	Beamforming methods for smart circular antenna arrays	23.05.2002
200109403	Networks	02076880.0	60206842,8	DE	Improvements in or relating to smart antenna arrays	13.05.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200800607	Networks	08103819.2	2117078	EP	Patch antenna element array	05.05.2008
199901734	Networks	09/408,686	6535741	US	Verfahren und Kommunikationsnetz zum Routen von Verbindungen	30.09.1999
199901680	Networks	10/030,375	7043003	US	Vorrichtung und Verfahren zur Verbesserung einer Lastverteilung ineinem Signalisierungsnetz	17.04.2000
200212306	Networks	10/522,824	7961713	US	Efficient Connection of ISDN Private Branch Exchanges to a Packet-Switched Network	11.06.2003
200305691	Networks	03425240.3	60324766	DE	Microwave duplexer comprising dielectric filters, a T-junction, two coaxial ports and one waveguide port	18.04.2003
200305691	Networks	03425240.3	1469548	GB	Microwave duplexer comprising dielectric filters, a T-junction, two coaxial ports and one waveguide port	18.04.2003
200305691	Networks	03425240.3	1469548	IT	Microwave duplexer comprising dielectric filters, a T-junction, two coaxial ports and one waveguide port	18.04.2003
200201088	Networks	10213882.6	10213882	DE	Verfahren zur Decodierung einer mit Hilfe eines binären Faltungscodes verschlüsselten Datenfolge	27.03.2002
200201088	Networks	2004-7015128	10-0973097	KR	Verfahren zur Decodierung einer mit Hilfe eines binären Fal-tungscodes verschlüsselten Datenfolge	20.03.2003
200201088	Networks	10/509,038	7143334	US	Verfahren zur Decodierung einer mit Hilfe eines binären Fal-tungscodes verschlüsselten Datenfolge	20.03.2003
200098091	Networks	2002-505715	3880516	JP	Capacity changes in transceiver apparatus	01.06.2001
200304768	Networks	10/834,358	7333775	US	Verfahren zur Detektion von Funkkommunikationsendgeräten	29.04.2004
200105700	Networks	02735014.9	50212228,5	DE	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	E394886	AT	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	2442535	2442535	CA	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02807760.1	608858	CN	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	ES	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	FR	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	GB	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	IT	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	SE	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	10/473,257	7577430	US	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200598025	Networks	11/201,123	7640036	US	METHOD FOR PERFORMING INTER-SYSTEM HANDOVERS IN A MO-BILE CO MMUNICATION SYSTEM	11.08.2005
199801418	Networks	99919089.5	59902040,7	DE	Verfahren und Funk-Kommunikationssystem zur Verbindungssteuerung bei Anrufen von/zu Funkteilnehmern	16.03.1999
199801418	Networks	99919089.5	2180298	ES	Verfahren und Funk-Kommunikationssystem zur Verbindungssteuerung bei Anrufen von/zu Funkteilnehmern	16.03.1999
199801418	Networks	99919089.5	1064798	FR	Verfahren und Funk-Kommunikationssystem zur Verbindungssteuerung bei Anrufen von/zu Funkteilnehmern	16.03.1999
199801418	Networks	99919089.5	1064798	GB	Verfahren und Funk-Kommunikationssystem zur Verbindungssteuerung bei Anrufen von/zu Funkteilnehmern	16.03.1999
199801418	Networks	99804413.X	400142	CN	Verfahren und Funk-Kommunikationssystem zur Verbindungssteuerung bei Anrufen von/zu Funkteilnehmern	16.03.1999
199801418	Networks	09/646,812	7047013	US	Verfahren und Funk-Kommunikationssystem zur Verbindungssteuerung bei Anrufen von/zu Funkteilnehmern	16.03.1999
200012791	Networks	01956270.1	50111981,7	DE	Digital/Analog-Wandler	13.06.2001
200012791	Networks	01956270.1	1393449	GB	Digital/Analog-Wandler	13.06.2001
200012791	Networks	10/312,761	6888485	US	Digital/Analog-Wandler	13.06.2001
200014810	Networks	01955251.2	50114393,9	DE	Vorrichtung und Verfahren zur Anrufumlenkung in Telekommunikationsnetzen	16.07.2001
200014810	Networks	10/221,507	7822013	US	Vorrichtung und Verfahren zur Anrufumlenkung in Telekommunikationsnetzen	16.07.2001
200014810	Networks	01806500.7	260334	CN	Vorrichtung und Verfahren zur Anrufumlenkung in Telekommunikationsnetzen	16.07.2001
199902135	Networks	00945585.8	50013519,3	DE	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	GB	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199902135	Networks	00945585.8	1121790	ES	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	FR	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	IT	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199601822	Networks	09/230,221	6697328	US	Verfahren zur Optimierung der Auslastung von Verbindungsabschnitten in Systemen, in denen Informationen in Datenpaketen uebertragen werden.	16.07.1997
200013546	Networks	10065564.5	10065564	DE	Vorrichtung und Verfahren zur Kompensation von impulsartigen Störungen in xDSL-Systemen	28.12.2000
200412824	Networks	10 2005 005 278.9	10 2005 005 278	DE	Verfahren zum Betrieb eines Netzknoten eines Kommunikationsnetzes und Netzknoten eines Kommunikationsnetzes	04.02.2005
200001400	Networks	01805778.0	339482	CN	Schaltungsanordnung zum Ersatzschalten von Ueber-tragungseinrichtungen in MPLS-Pakete führende Ringarchitekturen	12.01.2001
200314230	Networks	10350890.2	10350890	DE	Verfahren zum Betreiben zweier Funkkommunikationssysteme	31.10.2003
200314230	Networks	200480032573.7	535409	CN	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
200314230	Networks	04791255.5	1678975	FR	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
200314230	Networks	04791255.5	1678975	GB	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
200314230	Networks	2048/DELNP/2006	264501	IN	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
200314230	Networks	04791255.5	1678975	IT	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
200314230	Networks	2006-7010757	1096134	KR	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
200314230	Networks	04791255.5	1678975	PL	Verfahren zum Betreiben zweier Funkkommunikationssysteme	19.10.2004
199698043	Networks	09/233650	6134234	US	MASTER-SLAVE SYNCHRONIZATION	03.07.1997
200219634	Networks	02028256.2	50204558,2	DE	Verfahren zur Reduzierung der Strahlenbelastung einer Antenne	16.12.2002
200406901	Networks	04425299.7	60 2004 017 572.2	DE	Analog predistortion linearizer with fixed in advance intermodulation power, method and device	29.04.2004
200406901	Networks	04425299.7	1592127	FR	Analog predistortion linearizer with fixed in advance intermodulation power, method and device	29.04.2004
200406901	Networks	04425299.7	1592127	GB	Analog predistortion linearizer with fixed in advance intermodulation power, method and device	29.04.2004
200406901	Networks	04425299.7	1592127	IT	Analog predistortion linearizer with fixed in advance intermodulation power, method and device	29.04.2004
200406685	Networks	04425300.3	60 2004 024 169.5	DE	Microstrip to waveguide transition for millimetric waves embodied in a multilayer printed circuit board	29.04.2004
200406685	Networks	04425300.3	1592081	ES	Microstrip to waveguide transition for millimetric waves embodied in a multilayer printed circuit board	29.04.2004
200406685	Networks	04425300.3	1592081	FR	Microstrip to waveguide transition for millimetric waves embodied in a multilayer printed circuit board	29.04.2004
200406685	Networks	04425300.3	1592081	GB	Microstrip to waveguide transition for millimetric waves embodied in a multilayer printed circuit board	29.04.2004
200406685	Networks	04425300.3	1592081	IT	Microstrip to waveguide transition for millimetric waves embodied in a multilayer printed circuit board	29.04.2004
199707884	Networks	10/178,693	7406084	US	Flexible Software Architecture for a call processing systems	17.06.2002
199807521	Networks	09/249,924	6324212	US	Apparatus Using Low Spectrum Selectively For Providing Both ADSL And POTS Service	07.05.1998
199807521	Networks	09/249,925	6404774	US	Method Using Low Spectrum Selectively for Providing Both ADSL and POTS Service	07.05.1998
199998135	Networks	09/914211	6542131	US	APPARATUS FOR SUPPRESSING MUTUAL INTERFERENCE BETWEEN ANTENN AS	22.02.2000
199801502	Networks	99916805.7	1068765	GB	Verfahren und Vorrichtung zur Ankopplung einer ATM-Kommunikationsschicht an mehrere Zeitmultiplex-Kommunikationsanschluesse	19.03.1999
200801928	Networks	10/218,284	7289538	US	Clock reconstruction for time division multiplexed traffic transported over asynchronous ethernet networks	14.08.2002
199701388	Networks	98912204.9	E220279	AT	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	59804669	DE	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	2180153	ES	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	FR	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	GB	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199701388	Networks	98912204.9	972411	IE	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	IT	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98803720.3	110207	CN	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	10-544660	3457009	JP	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	7008708/99	343875	KR	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	09/381,764	6622027	US	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199998106	Networks	09/570881	6850501	US	METHOD AND ARRANGEMENT FOR ENCHANCING PRE-SYNCHRONIZATION RE LIABILITY IN A CELLULAR RADIO SYSTEM	15.05.2000
199802312	Networks	09/762,839	6785362	US	Verfahren und Einrichtung zur Ueberpruefung der Funktionsfaehigkeit einer Vermittlungsstelle	06.08.1999
199801502	Networks	09/647,431	7110410	US	Verfahren und Vorrichtung zur Ankopplung einer ATM-Kommunikationsschicht an mehrere Zeitmultiplex-Kommunikationsanschluesse.	19.03.1999
200198156	Networks	02396070.1	1267498	GB	A METHOD AND APPARATUS FOR CONTROLLING THE OPERATION OF A PO SITIONING RECEIVER	17.05.2002
200198165	Networks	10/156885	7209459	US	TRANSMITTING CONTROL MESSAGES ON CONTROL CHANNELS OF PACKET DATA NETWORK	28.05.2002
200298008	Networks	10/098335	7058409	US	PERSONAL SAFETY NET	18.03.2002
199905231	Networks	10/130,079	6940961	US	Verfahren und Anordnung zur Uebermittlung von dienstrelevanten Informationen zwischen mehreren Verbindungs-Steuerungen	09.11.2000
199801836	Networks	99924677.0	59914822,5	DE	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	99924677.0	1082864	FR	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	99924677.0	1082864	SE	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	12-552862	4248146	JP	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	99924677.0	1082864	GB	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	99924677.0	1082864	ES	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	99924677.0	E403341	AT	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	24.03.1999
199801836	Networks	09/729,065	6850768	US	Verfahren und Mobil-Kommunikationssystem zur Steuerung eines Kurznachrichtendienstes	04.12.2000
200800669	Networks	12/081,187	7817559	US	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	11.04.2008
200504717	Networks	05007984.7	1713221	GB	Verfahren zur Reduzierung einer Intersymbol-Interferenzenergie	12.04.2005
200504717	Networks	05007984.7	1713221	IT	Verfahren zur Reduzierung einer Intersymbol-Interferenzenergie	12.04.2005
199602259	Networks	08/932,704	7139577	US	Verfahren zur Verbindungssteuerung von drahtlos an Kommunikationsnetze angeschlossenen Kommunikationsendgeraeten	18.09.1997
199708088	Networks	09/486,248	6625179	US	Verfahren zur Datenuebertragung in einem digitalen Uebertragungssystem bei paketvermitteltem Dienst	29.07.1998
200801062	Networks	12/151,723	7864117	US	WIDEBAND OR MULTIBAND VARIOUS POLARIZED ANTENNA	07.05.2008
200800645	Networks	08104576.7		EP	Method and device for processing data and communication sys-tem comprising such device	27.06.2008
200098088	Networks	10/181173	6879642	US	METHOD OF CLIPPING SIGNAL AMPLITUDES IN A MODULATION SYSTEM	14.12.2000
200098118	Networks	09/699863	7801958	US	CONTENT CONVERTER PORTAL	30.10.2000
200112813	Networks	01118546.9	50108779,6	DE	Verfahren zur Strahlungsdiagrammformung in einem Funkkommunikationssystem.	01.08.2001
200112813	Networks	10/209,667	7054663	US	Verfahren zur Strahlungsdiagrammformung in einem Funkkommunikationssystem.	01.08.2002
200198072	Networks	10/472821	7191354	US	CLOCK SYNCHRONIZATION EXECUTED BY AN INACCURATE ELEMENT	29.03.2001
199698026	Networks	09/117318	6173302	US	DECIMATION METHOD AND DECIMATION FILTER	03.12.1997
200109890	Networks	10/159,210	7349385	US	Integrated Access Platform	30.05.2002
200118019	Networks	10/491,075	7940745	US	Flexible and Economical Provision of Service Characteristics for Voice Transmission in a Packet Network	12.09.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200398006	Networks	10/360216	7012185	US	Method and Apparatus for Combining Processing Power of Midi-Enabled Mobile Stations to Increase Polyphony	07.02.2003
200398017	Networks	04251703.7	1469648	ES	Signal Manipulation	24.03.2004
200398017	Networks	04251703.7	1469648	GB	Signal Manipulation	24.03.2004
199898049	Networks	980992	107499	FI	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	05.05.1998
199898049	Networks	10/018502	7734297	US	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
199898049	Networks	99923617.7	69932858,6	DE	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
199898049	Networks	99923617.7	1177703	IT	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
199898049	Networks	99923617.7	1177703	GB	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
199898049	Networks	99923617.7	1177703	FR	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
199898049	Networks	99923617.7	1177703	WE	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
199898049	Networks	99923617.7	1177703	ES	METHOD AND SYSTEM FOR DETERMINING OF OPERATING MODELS OF USE RS OF A TELECOMMUNICATION SYSTEM	10.05.1999
200109267	Networks	10154644.0	10154644	DE	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	07.11.2001
200109267	Networks	02781149.6		WE	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	04.11.2002
200109267	Networks	02781149.6		DE	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	04.11.2002
200109267	Networks	02781149.6		ES	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	04.11.2002
200109267	Networks	02781149.6		FR	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	04.11.2002
200109267	Networks	02781149.6		GB	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	04.11.2002
200109267	Networks	02781149.6		IT	Verfahren und Vorrichtung zur optimierten ADSL-Datenübertragung	04.11.2002
200111598	Networks	10136661.2	10136661	DE	Verfahren zur Erhöhung der Bündelverträglichkeit durch Variation des Abtasttaktes bei xDSL-Verfahren	27.07.2001
199798052	Networks	09/525181	6181211	US	AUTOMATIC TUNING OF AN INTEGRATED OSCILLATOR	24.09.1998
199798059	Networks	98808542.9	ZL98808542.9	CN	AUTOMATIC CONDITIONAL CROSS-CONNECTION	26.08.1998
199798083	Networks	08/982957	6233450	US	Method and apparatus for employing extension number dialing and calling number identification for a radiotelephone oper ating within a public or autonomous syst.	14.11.2000
199798096	Networks	08/932305	6175565	US	Serial telephone adapter	17.09.1997
199898084	Networks	99806871.3	99806871,3	CN	ITERATIVE PROJECTION WITH INITIALISATION USING A NETWORK USE R IDENTIFIER	08.06.1999
199898003	Networks	09/263402	7031663	US	A system for performing environmental measurements and for t ransferring measurement results	05.03.1999
199898024	Networks	09/698881	7075952	US	MULTIPLEXING IN A PDH TELECOMMUNICATIONS NETWORK	27.05.1999
199698059	Networks	08/963007	5953675	US	Method for processing information in a wireless local loop t erminal and a terminal	03.11.1997
200301001	Networks	200480003057.1	591053	CN	Zuordnung von Verteilungsgewichten zu Verbindungsabschnitten in einem Paketnetz mit Verkehrsverteilung	21.01.2004
200301001	Networks	04703766.8	50 2004 004 504.9	DE	Zuordnung von Verteilungsgewichten zu Verbindungsabschnitten in einem Paketnetz mit Verkehrsverteilung	21.01.2004
200301001	Networks	04703766.8	1588234	FR	Zuordnung von Verteilungsgewichten zu Verbindungsabschnitten in einem Paketnetz mit Verkehrsverteilung	21.01.2004
200301001	Networks	04703766.8	1588234	GB	Zuordnung von Verteilungsgewichten zu Verbindungsabschnitten in einem Paketnetz mit Verkehrsverteilung	21.01.2004
200008061	Networks	10/296,546	7096041	US	Strahlformungsverfahren	17.05.2001
200316444	Networks	10/577,319	8306194	US	Method for Reducing Costs During the Transfer of Unidirectional Information Flows	22.10.2004
200408831	Networks	102 004 025 734.5	102 004 025 734	DE	Verfahren zur Optimierung von Rekonfigurationsprozessen in Mobilfunknetzwerken mit rekonfigurierbaren Endgeräten durch Sammlung und Bereitstellung geeigneter Messdaten sowie eine entsprechende Anordnung	26.05.2004
200307326	Networks	04730873.9	50 2004 004 514.6	DE	Verfahren zur Bestimmung von Kanalkoeffizienten eines Datenübertragungskanals mit variabler Anzahl von Koeffizienten	03.05.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200307326	Networks	04730873.9	1632070	GB	Verfahren zur Bestimmung von Kanalkoeffizienten eines Datenübertragungskanals mit variabler Anzahl von Koeffizienten	03.05.2004
200004120	Networks	09/877,875	7050457	US	Verfahren zur Kommunikation zwischen Kommunikationsnetzen	08.06.2001
200305324	Networks	10320420.2	10320420	DE	Anordnung und Verfahren zur digitalen Vorverzerrung eines komplexen Basisband-Eingangssignals	07.05.2003
200305324	Networks	10/555,811	7415252	US	Anordnung und Verfahren zur digitalen Vorverzerrung eines komplexen Basisband-Eingangssignals	02.04.2004
200207758	Networks	2004-7021318	10-0987572	KR	Verfahren zur Ermittlung von Nutzsignalparametern und Störsignalparametern aus einem Empfangssignal eines Funkkommunikationssystems	04.06.2003
200616428	Networks	10 2006 036 566.6	10 2006 036 566	DE	Vorabinformation von Managern über die Itf-N Schnittstelle	04.08.2006
200398023	Networks	10/630975	7035601	US	Data transmission method, base station and transmitter	31.07.2003
200398023	Networks	04714811.9	6,02004E+11	DE	Data transmission method, base station and transmitter	26.02.2004
200398023	Networks	04714811.9	1597822	FR	Data transmission method, base station and transmitter	26.02.2004
200398023	Networks	04714811.9	1597822	GB	Data transmission method, base station and transmitter	26.02.2004
200398073	Networks	10/635,205	7539741	US	SYSTEM, APPARATUS AND METHOD FOR SUPPORTING CONSTRAINT BASED ROUTING FOR MULTI-PROTOCOL LABEL SWITCHING TRAFFIC ENGINEERING IN POLICY-BASED MANAGEMENT	05.08.2003
200621967	Networks	10 2006 050 354.6		DE	Verfahren und Anordnung zur Leistungssteuerung	25.10.2006
200414292	Networks	11/791,689	7739542	US	Process for Detecting the Availability of Redundant Communication System Components	11.10.2005
199905053	Networks	00938549.3	50015241,1	DE	Verfahren zur Anrufsignalisierung und Kommunikationsendgeraet	12.05.2000
199905053	Networks	00938549.3	1221254	GB	Verfahren zur Anrufsignalisierung und Kommunikationsendgeraet	12.05.2000
199905053	Networks	00814295.5	828098	CN	Verfahren zur Anrufsignalisierung und Kommunikationsendgeraet	12.05.2000
200101681	Networks	02001786.9	50200582,3	DE	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
200101681	Networks	02001786.9	1229670	GB	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
200101681	Networks	02001786.9	1229670	IT	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
200101681	Networks	02001786.9	1229670	FR	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
199301432	Networks	08/272,590	6158006	US	VERFAHREN ZUR KOORDINATION VON PARALLELEN ZUGRIFFEN MEHRERER PROZESSOREN AUF RESOURCENKONFIGURATIONEN	11.07.1994
199801027	Networks	19801495.3	19801495	DE	Funkstation zur Datenuebertragung in einem Funk-Kommunikationssystem	16.01.1998
199798043	Networks	98910754.5	69839669,3	DE	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199798043	Networks	98910754.5	2310005	ES	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199798043	Networks	98910754.5	983698	FR	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199798043	Networks	10-545068	4114955	JP	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199798043	Networks	2283757	2283757	CA	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199798043	Networks	98910754.5	983698	GB	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199798043	Networks	98910754.5	983698	IT	MOBILE NETWORKS USING ATM SWITCHING	19.03.1998
199905053	Networks	00938549.3	1221254	FR	Verfahren zur Anrufsignalisierung und Kommunikationsendgeraet	12.05.2000
200398102	Networks	10/618,266	7193979	US	METHOD AND APPARATUS FOR USE BY A GPRS DEVICE IN RESPONDING TO CHANGE IN SAPI CONNECTION	11.07.2003
199798025	Networks	09/550186	6229391	US	ADAPTATION METHOD AND AMPLIFIER ARRANGEMENT	27.10.1998
200505444	Networks	11/910,444	8365234	US	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200503953	Networks	185587	185587	IL	Priority-sensitive reallocation of buffer space	24.02.2006
200023943	Networks	10110679.3	10110679	DE	Verfahren zur Übertragung einer Signalisierungsnachricht im SS#7-Netz	06.03.2001
200023943	Networks	02706646.3	1366628	GB	Verfahren zur Übertragung einer Signalisierungsnachricht im SS 7-Netz	29.01.2002
200023943	Networks	02706646.3	1366628	FR	Verfahren zur Übertragung einer Signalisierungsnachricht im SS 7-Netz	29.01.2002
200023943	Networks	02806041.5	434163	CN	Verfahren zur Übertragung einer Signalisierungsnachricht im SS#7-Netz	29.01.2002
200023943	Networks	02706646.3	502 15 904.9	DE	Verfahren zur Übertragung einer Signalisierungsnachricht im SS 7-Netz	29.01.2002
200503953	Networks	2006222038	2006222038	AU	Priority-sensitive reallocation of buffer space	24.02.2006
200503953	Networks	200680006816.9	628546	CN	Priority-sensitive reallocation of buffer space	24.02.2006
199798075	Networks	09/070956	6167283	US	Cell selection based on user profile in cellular radio syste m	01.05.1998
200505444	Networks	2602614	2602614	CA	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200505444	Networks	200680010157.6	101151893	CN	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200309911	Networks	200480022176.1	896189	CN	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS IN A RADIO COMMUNICATIONS SYSTEM	21.06.2004
200309911	Networks	04741851.2	60 2004 029 896.4	DE	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200309911	Networks	04741851.2	1649614	FR	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200309911	Networks	04741851.2	1649614	GB	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200309911	Networks	2006-7001260	1109630	KR	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS IN A RADIO COMMUNICATIONS SYSTEM	21.06.2004
200309911	Networks	2006106199	2364029	RU	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS IN A RADIO COMMUNICATIONS SYSTEM	21.06.2004
200309911	Networks	A200600514	84705	UA	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS (VARIANTS), BASE STATION	21.06.2004
200309911	Networks	10/566,357	7423586	US	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200219354	Networks	200380104243.X	360313	CN	Verfahren zum automatischen Konfigurieren von Kommunikations-beziehungen zwischen in einem paketorientierten Kommunikationsnetz angeordneten Kommunikationseinheiten	25.11.2003
200219354	Networks	03785537.6	50302681,6	DE	Verfahren zum automatischen Konfigurieren von Kommunikations-beziehungen zwischen in einem paketorientierten Kommunikationsnetz angeordneten Kommunikationseinheiten	25.11.2003
199901048	Networks	19901204.0	19901204	DE	Verfahren zur Realisierung von Mehrfach-Punktcodes in einer Vermittlungsstelle	14.01.1999
199901048	Networks	00802819.2	473634	CN	Verfahren zur Realisierung von Mehrfach-Punktcodes in einer Vermittlungsstelle	14.01.2000
200098083	Networks	10/219823	6647403	US	Laskutoimitusten suorittaminen digitaalisessa signaalinkäsit telylaitteessa	16.02.2001
200098095	Networks	10/343047	6809685	US	CALIBRATION APPARATUS AND METHOD FOR USE WITH ANTENNA ARRAY	30.07.2001
200219354	Networks	10/536,065	8094581	US	Method for the Automatic Configuration of Communication Relationships Between Communication Units Situated in a Packet-Oriented Communications Network	25.11.2003
200219354	Networks	03785537.6	1566018	GB	Verfahren zum automatischen Konfigurieren von Kommunikations-beziehungen zwischen in einem paketorientierten Kommunikationsnetz angeordneten Kommunikationseinheiten	25.11.2003
200098010	Networks	10/296,004	7496372	US	ACCESSING NUMBERS OUTSIDE A CLOSED USER GROUP IN A MOBILE CO MMUNICATION SYSTEM	31.05.2000
200417900	Networks	11/667,426	7890429	US	Method for Managing a Time-Limited License on a Computer Application that can be Run on a Network Component	27.10.2005
200315035	Networks	200480028412.0	671848	CN	Verfahren zum Einstellen der Übertragungsparameter von in einer Gruppe zusammengefassten, breitbandigen Übertragungskanä-len	30.09.2004
200315035	Networks	04787260.1	50 2004 009 154.7	DE	Verfahren zum Einstellen der Übertragungsparameter von in einer Gruppe zusammengefassten, breitbandigen Übertragungskanälen	30.09.2004
200315035	Networks	04787260.1	1668857	ES	Verfahren zum Einstellen der Übertragungsparameter von in einer Gruppe zusammengefassten, breitbandigen Übertragungskanälen	30.09.2004
200315035	Networks	04787260.1	1668857	FR	Verfahren zum Einstellen der Übertragungsparameter von in einer Gruppe zusammengefassten, breitbandigen Übertragungskanälen	30.09.2004
200315035	Networks	04787260.1	1668857	GB	Verfahren zum Einstellen der Übertragungsparameter von in einer Gruppe zusammengefassten, breitbandigen Übertragungskanälen	30.09.2004
200315035	Networks	04787260.1	1668857	IT	Verfahren zum Einstellen der Übertragungsparameter von in einer Gruppe zusammengefassten, breitbandigen Übertragungskanälen	30.09.2004
200315035	Networks	10/574,336	7782889	US	Method for Regulating the Transmission Parameters of Broadband Transmission Channels Assembled to Form a Group	30.09.2004
200507603	Networks	200680015010.6	850978	CN	Verfahren zur Codierung von Datenblöcken	25.04.2006
200507603	Networks	11/919,872	8054740	US	Verfahren zur Codierung von Datenblöcken	25.04.2006
200013955	Networks	01960127.7	50101567,1	DE	Verfahren zur Bereitstellung von Software in funkbasierten zellulären Kommunikationsnetzen sowie Kommunikationsnetz zur Durchführung des Verfahrens	19.07.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200013955	Networks	01960127.7	1302088	FR	Verfahren zur Bereitstellung von Software in funkbasierten zellulären Kommunikationsnetzen sowie Kommunikationsnetz zur Durchführung des Verfahrens	19.07.2001
200013955	Networks	10/333,248	7336947	US	Verfahren zur Bereitstellung von Software in funkbasierten zellulären Kommunikationsnetzen sowie Kommunikationsnetz zur Durchführung des Verfahrens	19.07.2001
199702059	Networks	09/485,437	6741560	US	Verfahren zum statistischen Multiplexen von ATM-Verbindungen.	14.07.1998
199905895	Networks	09/736,710	6785269	US	Steuerschnittstelleneinheit zur Realisierung einer zeitgleichen Ansteuerung von zumindestzwei logischen Einheiten sowie dazugehoeriges Verfahren	13.12.2000
200598008	Networks	200680001920.9	919638	CN	Clipping of transmission signal	05.01.2006
200598008	Networks	11/074,006	7643801	US	Clipping of transmission signal	08.03.2005
199902791	Networks	00965837.8	50016149	DE	Verfahren zur Realisierung eines Rueckruf-Dienstes in einem Mobilfunknetz	06.09.2000
199902791	Networks	09/831,440	6876860	US	Verfahren zur Realisierung eines Rueckruf-Dienstes in einem Mobilfunknetz	06.09.2000
199902791	Networks	13-522792	4608164	JP	Verfahren zur Realisierung eines Rueckruf-Dienstes in einem Mobilfunknetz	06.09.2000
200598008	Networks	2007-549926	4642863	JP	Clipping of transmission signal	05.01.2006
200303716	Networks	04787266.8	1668940	PL	Rekonfigurierbares Funksystem mit Fehlerfallerkennung und -behandlung	30.09.2004
200303716	Networks	04787266.8	1668940	PT	Rekonfigurierbares Funksystem mit Fehlerfallerkennung und -behandlung	30.09.2004
200013955	Networks	01960127.7	1302088	GB	Verfahren zur Bereitstellung von Software in funkbasierten zellulären Kommunikationsnetzen sowie Kommunikationsnetz zur Durchführung des Verfahrens	19.07.2001
200801312	Networks	08104870.4		EP	P2P overlay network for administrative services in a digital network	24.07.2008
200412652	Networks	10 2004 054 370.4	10 2004 054 370	DE	Anordnung zum Anschalten von zumindest einer Sendeeinheit an eine Sende-Empfangsantenne	10.11.2004
200412652	Networks	200580046168.5	719544	CN	Anordnung zum Anschalten von zumindest einer Sendeeinheit an eine Sende-Empfangsantenne	13.10.2005
200505445	Networks	2006228112	2006228112	AU	Method and arrangement for storing and playing back TV programmes	28.03.2006
200505445	Networks	200680019056.5	682736	CN	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505445	Networks	2008-503495	4630369	JP	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505445	Networks	11/887,312	8904454	US	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505445	Networks	06725343.5	1867154	WE	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505172	Networks	11/885,646	8755368	US	Netzunabhängige Bereitstellung und Registrierung für Dienste	15.03.2006
199801246	Networks	09/622,970	6807153	US	Verfahren zum Testen der Erreichbarkeit von Signalisierungspunkteneines Vermittlungsnetzes	05.02.1999
200298047	Networks	10/079373	6996104	US	Rate Allocation and Control for Multicast Services in Wirele ss Networks	20.02.2002
200298050	Networks	10/185,225	7444152	US	Signaling and Routing Protocols for an Integrated Cellular and Relaying System	28.06.2002
199801046	Networks	19801992.0	19801992	DE	Verfahren zur Verbesserung der Systemverfuegbarkeit nach dem Ausfall von Prozessoren einer Prozessorplattform	20.01.1998
199801046	Networks	99932437.9	1049978	GB	Verfahren zur Verbesserung der Systemverfuegbarkeit nach dem Ausfall von Prozessoren einer Prozessorplattform	19.01.1999
199801046	Networks	09/600,715	6625752	US	Verfahren zur Verbesserung der Systemverfuegbarkeit nach dem Ausfall von Prozessoren einer Prozessorplattform	19.01.1999
200198126	Networks	09/932464	7089298	US	NAMING DISTRIBUTION METHOD FOR AD HOC NETWORKS	20.08.2001
200703435	Networks	12/231,792	8693439	US	REDUCED PING PONG OCCURRENCE DURING HANDOVER	03.09.2008
200306170	Networks	10/555,535	7593363	US	Verfahren zur Datenübertragung	21.04.2004
200213127	Networks	03793696.0	50308702,5	DE	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200213127	Networks	03793696.0	1530855	ES	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200213127	Networks	160/DELNP/2005		IN	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
199998020	Networks	09/870000	6582147	US	AN ADJUSTMENT JOINT, FASTENING ELEMENTS AND A METHOD FOR INS TALLATION AND POSITION SETTING USING AN ADJUSTMENT JOINT	20.01.2000
199998020	Networks	00802984.9	ZL00802984.9	CN	AN ADJUSTMENT JOINT, FASTENING ELEMENTS AND A METHOD FOR INS TALLATION AND POSITION SETTING USING AN ADJUSTMENT JOINT	20.01.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199998020	Networks	00901641.1	1145370	IT	AN ADJUSTMENT JOINT, FASTENING ELEMENTS AND A METHOD FOR INS TALLATION AND POSITION SETTING USING AN ADJUSTMENT JOINT	20.01.2000
200515160	Networks	10 2005 046 935.3	10 2005 046 935	DE	Netzwerkzugangsknotenrechner zu einem Kommunikationsnetzwerk, Kommunikationssystem und Verfahren zum Zuweisen einer Schutzvorrichtung	30.09.2005
200515160	Networks	200680035930.4	1235976	CN	Netzwerkzugangsknotenrechner zu einem Kommunikationsnetzwerk, Kommunikationssystem und Verfahren zum Betreiben eines Kommunikationssystems	28.08.2006
200515160	Networks	06778371.2		WE	Netzwerkzugangsknotenrechner zu einem Kommunikationsnetzwerk, Kommunikationssystem und Verfahren zum Betreiben eines Kommunikationssystems	28.08.2006
200411357	Networks	11/658,963	7853247	US	Verfahren zum Konfigurieren eines Mobilterminals, konfigurierbares Mobilterminal bzw. Mobilfunknetz dafür	15.04.2005
200411085	Networks	0422630.4	2419258	GB	A method of operating a communication system	13.10.2004
200411085	Networks	05794771.5	60 2005 008 480.0	DE	A method of operating a communication system	04.10.2005
200411085	Networks	05794771.5	1851986	FR	A method of operating a communication system	04.10.2005
200298102	Networks	10/495013	7098756	US	ARRANGEMENT AND METHOD FOR COMBINING ELECTRIC SIGNALS	17.09.2002
200213127	Networks	03793696.0	1530855	NL	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200522942	Networks	10 2006 015 328.6	10 2006 015 328	DE	Vorrichtung und Verfahren zur Aufzeichnung und zeitversetzten Wiedergabe von Sendungen	03.04.2006
200522942	Networks	200780010911.0	895755	CN	Vorrichtung und Verfahren zur Aufzeichnung und zeitversetzten Wiedergabe von Sendungen	30.03.2007
200522942	Networks	12/295,736	8233771	US	Vorrichtung und Verfahren zur Aufzeichnung und zeitversetzten Wiedergabe von Sendungen	30.03.2007
200703839	Networks	12/246,475	8122313	US	ACKNOWLEDGMENT PACKET	06.10.2008
200302704	Networks	2004-568630	4309851	JP	Verfahren zur Separierung von zu spezifischen Gruppen zuordenbaren IP-Paketen und IP-Paket	25.02.2003
200302704	Networks	2005-7015089	697422	KR	Verfahren zur Separierung von zu spezifischen Gruppen zuordenbaren IP-Paketen und IP-Paket	25.02.2003
200302704	Networks	2003221595	2003221595	AU	Verfahren zur Separierung von zu spezifischen Gruppen zuordenbaren IP-Paketen und IP-Paket	25.02.2003
200302704	Networks	2005129726	2314650	RU	Verfahren zur Separierung von zu spezifischen Gruppen zuordenbaren IP-Paketen und IP-Paket	25.02.2003
200302704	Networks	03717131.1	50313606,9	DE	Verfahren zur Sparierung von zu spezifischen Gruppen zuordnenbaren IP-Paketen und das entsprechende Netzwerkelement	25.02.2003
200302704	Networks	03717131.1	1597858	FR	Verfahren zur Sparierung von zu spezifischen Gruppen zuordnenbaren IP-Paketen und das entsprechende Netzwerkelement	25.02.2003
200302704	Networks	03717131.1	1597858	GB	Verfahren zur Sparierung von zu spezifischen Gruppen zuordnenbaren IP-Paketen und das entsprechende Netzwerkelement	25.02.2003
200803088	Networks	12/433,984	8160647	US	FILTER SYSTEM FOR USE IN CO-SITE AND CONTROL METHOD THEREOF	01.05.2009
199798023	Networks	98909524.5	968571	FR	METHOD AND ARRANGEMENT FOR FORMING AN ADDRESS	13.03.1998
199798023	Networks	98909524.5	968571	GB	METHOD AND ARRANGEMENT FOR FORMING AN ADDRESS	13.03.1998
199798023	Networks	98909524.5	968571	SE	METHOD AND ARRANGEMENT FOR FORMING AN ADDRESS	13.03.1998
200702705	Networks	12/027,999	7778978	US	Embedded Retransmissions Scheme with Cross- Packet Coding for Turbo and Low Density Parity Check Codes	07.02.2008
200621866	Networks	200780045601.2	1091158	CN	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200803125	Networks	09100110.7		EP	Method and device for data processing	12.02.2009
200620763	Networks	07820385.8		WE	Verfahren und Anordnung zur Konfiguration zumindest einer einem Netzknoten zugeordneten Netzeinheit	20.09.2007
200406578	Networks	2007104352	2406219	RU	Verfahren und Anordnung zur Linearisierung einer Leistungsverstärkerkennlinie	08.04.2005
200702614	Networks	12/522,277	8978062	US	Apparatus and method for processing audio and/or video data	26.10.2007
200702614	Networks	07821906.0	2156439	WE	APPARATUS AND METHOD FOR PROCESSING AUDIO AND/OR VIDEO DATA	26.10.2007
200406578	Networks	05739924.8	1776754	GB	Verfahren und Anordnung zur Linearisierung einer Leistungsverstärkerkennlinie	08.04.2005
200406578	Networks	05739924.8	50 2005 008 065.3	DE	Verfahren und Anordnung zur Linearisierung einer Leistungsverstärkerkennlinie	08.04.2005
200621527	Networks	200780050028.4	1115392	CN	VORRICHTUNG UND VERFAHREN ZUM ERZEUGEN EINES SIGNALS UM DAS PAR IN EINEM MEHRTRÄGERSYSTEM ZU REDUZIEREN	24.10.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200621527	Networks	12/312,578	8467463	US	VORRICHTUNG UND VERFAHREN ZUM ERZEUGEN EINES SIGNALS UM DAS PAR IN EINEM MEHRTRÄGERSYSTEM ZU REDUZIEREN	24.10.2007
200701633	Networks	200780052451.8	1115923	CN	Method and apparatus for dynamic bandwidth management in an IP-network	10.12.2007
200701633	Networks	12/525,872	8375414	US	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
200801970	Networks	12/499,621	8432870	US	HANDOVER TECHNIQUES BETWEEN LEGACY AND UPDATED WIRELESS NETWORKS	08.07.2009
200613983	Networks	06425481.6	60 2006 007 600.2	DE	PARALLEL PHASE AND AMPLITUDE ANALOG PREDISTORSION LINEARIZER WITH FIXED IN ADVANCE INTERMODULATION POWER AND GAIN STABILIZATION	11.07.2006
200613983	Networks	06425481.6	1936799	FR	PARALLEL PHASE AND AMPLITUDE ANALOG PREDISTORSION LINEARIZER WITH FIXED IN ADVANCE INTERMODULATION POWER AND GAIN STABILIZATION	11.07.2006
200613983	Networks	06425481.6	1936799	GB	PARALLEL PHASE AND AMPLITUDE ANALOG PREDISTORSION LINEARIZER WITH FIXED IN ADVANCE INTERMODULATION POWER AND GAIN STABILIZATION	11.07.2006
200613983	Networks	06425481.6	1936799	IT	PARALLEL PHASE AND AMPLITUDE ANALOG PREDISTORSION LINEARIZER WITH FIXED IN ADVANCE INTERMODULATION POWER AND GAIN STABILIZATION	11.07.2006
200802389	Networks	12/511,673	8031714	US	Using a cache of outgoing packet identifiers to recover from a protocol error in GTP-u	29.07.2009
200800600	Networks	12/463,191	9148100	US	Parallel amplifier architecture with feedback control based on reflected signal strength	08.05.2009
200621967	Networks	200780048117.5	101689915	CN	Verfahren und Anordnung zur Leistungssteuerung	22.10.2007
200621967	Networks	12/312,072	8738064	US	Verfahren und Anordnung zur Leistungssteuerung	22.10.2007
200701965	Networks	12/450,269	8463263	US	Method for providing an identity to a user equipment and Apparatus thereof	17.03.2008
200517465	Networks	06806777.6	50 2006 006 196.1	DE	Verfahren und Einrichtung zur Überprüfung der Funktion zur Invertierung der Polarität auf einer mehrere Adern umfassenden Teilnehmeranschlussleitung	18.09.2006
200517465	Networks	06806777.6	1932332	FR	Verfahren und Einrichtung zur Überprüfung der Funktion zur Invertierung der Polarität auf einer mehrere Adern umfassenden Teilnehmeranschlussleitung	18.09.2006
200517465	Networks	06806777.6	1932332	GB	Verfahren und Einrichtung zur Überprüfung der Funktion zur Invertierung der Polarität auf einer mehrere Adern umfassenden Teilnehmeranschlussleitung	18.09.2006
200517465	Networks	06806777.6	1932332	SE	Verfahren und Einrichtung zur Überprüfung der Funktion zur Invertierung der Polarität auf einer mehrere Adern umfassenden Teilnehmeranschlussleitung	18.09.2006
200802337	Networks	12/554,557	8228860	US	OFFSET TIME FOR RANGING REQUEST MESSAGES	04.09.2009
200802521	Networks	388080394	62990	IR	Service access control	04.11.2009
200701684	Networks	12/450,188	8442148	US	METHOD FOR OPTIMIZING SIGNALS WITH MULTIPLE SUBCARRIERS	13.03.2008
200802576	Networks	12/575,625	8311564	US	GUARD BAND UTILIZATION IN MULTI-CARRIER MODE FOR WIRELESS NETWORKS	08.10.2009
200701715	Networks	08750307.4		WE	Method and device for data processing and communication system comprising such device	15.05.2008
200414965	Networks	12/571,180	8279750	US	Simple and Resource-Efficient Resilient Network Systems	30.09.2009
200627042	Networks	12/656,281	8462857	US	Method and receiver for decoding digital information	20.03.2008
200701617	Networks	12/674,835	8605680	US	Method and apparatus for temporarily suspending a network connection	06.08.2008
200702316	Networks	200880105310.2	101796807	CN	Method and device for data processing and communication system comprising such device	24.06.2008
200702316	Networks	12/667,563	8634518	US	Method and device for a data processing and communication system comprising such device	24.06.2008
200802948	Networks	12/652,937	8423037	US	SINGLE USER MULTIPLE INPUT MULTIPLE OUTPUT USER EQUIPMENT	06.01.2010
200702790	Networks	12/669,870	8787178	US	Self monitoring of managed entities in a telecommunication network	17.07.2008
200702487	Networks	200880115594.3	1057939	CN	Load control for a television distribution system	03.09.2008
200521182	Networks	05425917.1	60 2005 019 443.6	DE	METHOD FOR DOWNLOADING SOFTWARE FROM A TELECOMMUNICATIONS MANAGEMENT NETWORK	27.12.2005
200521182	Networks	05425917.1	1804466	FR	METHOD FOR DOWNLOADING SOFTWARE FROM A TELECOMMUNICATIONS MANAGEMENT NETWORK	27.12.2005
200521182	Networks	05425917.1	1804466	GB	METHOD FOR DOWNLOADING SOFTWARE FROM A TELECOMMUNICATIONS MANAGEMENT NETWORK	27.12.2005
200700157	Networks	12/672,542	8264954	US	Method and device for operating a network and communication system comprising such device	04.08.2008
200198148	Networks	02722315.5	1396128	FR	ADAPTIVE SYMBOLABBILDUNG IN EINEM MOBILSYSTEM	07.05.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200198148	Networks	02722315.5	1396128	GB	ADAPTIVE SYMBOLABBILDUNG IN EINEM MOBILSYSTEM	07.05.2002
200198148	Networks	02722315.5	60236932	DE	ADAPTIVE SYMBOLABBILDUNG IN EINEM MOBILSYSTEM	07.05.2002
200298064	Networks	02713116.8	60235503,6	DE	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	FI	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	FR	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	GB	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	IE	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	NL	Method and Apparatus for Compressing Log Record Information	26.03.2002
200802162	Networks	12/702,394	8976704	US	Method, System and Nodes for Network Topology Detection in Communication Networks	09.02.2010
200700164	Networks	12/672,545	8717879	US	Method to be run in and device of a network as well as communication system comprising such device	04.08.2008
200505049	Networks	05425181.4	1708381	FR	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200505049	Networks	05425181.4	1708381	GB	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200505049	Networks	05425181.4	1708381	IT	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200505049	Networks	05425181.4	60 2005 021 613.8	DE	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200701619	Networks	12/678,563	8416791	US	Local break out in case of WiMAX roaming	17.09.2008
200703542	Networks	200880112080.2	101828355	CN	Method and device for transmitting or receiving a clock signal and communication system comprising such device	14.10.2008
200703542	Networks	12/738,741	8767807	US	Method and device for transmitting or receiving a clock signal and communication system comprising such device	14.10.2008
200703670	Networks	200880117379.7	101868963	CN	Method and device for processing data and to a communication system comprising such device	18.11.2008
200703670	Networks	12/744,108	8666059	US	Method and device for processing data and to a communication system comprising such device	18.11.2008
200703967	Networks	200880112829.3	101836390	CN	Method and device for data processing and communication system comprising such device	22.10.2008
200703967	Networks	2010-530440	5518724	JP	Method and device for data processing and communication system comprising such device	22.10.2008
200703967	Networks	12/739,470	8780739	US	Method and device for data processing and communication system comprising such device	22.10.2008
200703601	Networks	3327/DELNP/2010		IN	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703601	Networks	12/740,065	8750160	US	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703601	Networks	07852987.2	2206369	WE	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703652	Networks	PI0818627-8		BR	Impersonal Mobile Communication for Internet Communities	20.10.2008
200703652	Networks	12/682,995	8606305	US	Impersonal Mobile Communication for Internet Communities	20.10.2008
200803251	Networks	201010174785.6	101877701	CN	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	28.04.2010
200803251	Networks	12/763,787	8539555	US	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	20.04.2010
200704256	Networks	12/812,998	8600232	US	Method and device for data processing in an optical network and communication system	08.01.2009
200703978	Networks	200880125856.4	101933307	CN	Method and device for providing content information and system comprising such device	17.03.2008
200703629	Networks	200980104942.1	1174332	CN	Method for transmitting data to user equipments, communication system, base station and user equipment	11.02.2009
200703629	Networks	12/863,054	8856605	US	Method for transmitting data to user equipments, communication system, base station and user equipment	11.02.2009
200800205	Networks	12/811,624	8571091	US	SYSTEM AND METHOD FOR EFFICIENT HALF DUPLEX TRANSCEIVER OPERATION IN A PACKET-BASED WIRELESS COMMUNICATION SYSTEM	04.01.2008
200801150	Networks	12/867,779	8560408	US	MECHANISM FOR CONTROLING CHARGING IN CASE OF CHARGING CLIENT RELOCATION	24.04.2008
200703625	Networks	12/919,288	8391151	US	Inter-network-nodes Flow Control	16.02.2009
200800694	Networks	12/990,374	8554255	US	METHOD AND APPARATUS FOR PROVIDING POWER CONTROL OF A WIRELESS TERMINAL	29.04.2008
200801436	Networks	2010-7029648	1287551	KR	ALLOCATING RESOURCES WITHIN A COMMUNICATION SYSTEM	30.05.2008
200801436	Networks	12/994,964	8687573	US	ALLOCATING RESOURCES WITHIN COMMUNICATION SYSTEM	30.05.2008
200801436	Networks	08760307.2		WE	ALLOCATING RESOURCES WITHIN A COMMUNICATION SYSTEM	30.05.2008
200801042	Networks	200880129621.2	102057609	CN	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200801042	Networks	209461	209461	IL	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
200801042	Networks	12/995,716	9698943	US	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
200801141	Networks	2719841	2719841	CA	ADAPTIVE SCHEDULER FOR COMMUNICATION SYSTEMS APPARATUS, SYSTEM AND METHOD	22.05.2008
200801141	Networks	200880129351.5	102037689	CN	ADAPTIVE SCHEDULER FOR COMMUNICATION SYSTEMS APPARATUS, SYSTEM AND METHOD	22.05.2008
200801141	Networks	12/936,694	8462791	US	ADAPTIVE SCHEDULER FOR COMMUNICATION SYSTEMS APPARATUS, SYSTEM AND METHOD	22.05.2008
200801141	Networks	08759905.6		WE	ADAPTIVE SCHEDULER FOR COMMUNICATION SYSTEMS APPARATUS, SYSTEM AND METHOD	22.05.2008
200800669	Networks	200980121767.7	102057629	CN	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	01.04.2009
200800669	Networks	7052/DELNP/2010		IN	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	01.04.2009
200802074	Networks	13/058,600	8565807	US	Transmission of a synchronization signal within a cellular telecommunication network with temporarily increased transmitting power	13.08.2009
200800699	Networks	200980120346.2	102047577	CN	Method and device for SNR measurement	02.04.2009
200800607	Networks	200980116347.X	102017306	CN	Patch antenna element array	05.05.2009
200800607	Networks	12/990,663	8487816	US	Patch antenna element array	05.05.2009
200505123	Networks	06725199.1	60 2006 045 895.9	DE	Fast Synchronised Transparent Handover Method and System	21.03.2006
200505123	Networks	06725199.1	1864540	GB	Fast Synchronised Transparent Handover Method and System	21.03.2006
200800926	Networks	2011/1919	2011/1919	ZA	MATCH MAKER SERVICE	14.07.2009
200802520	Networks	200880131426.3	102171984	CN	Service Provider Access	06.10.2008
200802520	Networks	2011/003223	309266	MX	Service Provider Access	06.10.2008
200802520	Networks	13/121,015	8881248	US	Service Provider Access	06.10.2008
200800626	Networks	200980122905.3	102067541	CN	Method and device for processing data and communication system comprising such device	17.06.2009
200800626	Networks	13/000,065	9264166	US	Method and device for processing data and communication system comprising such device	17.06.2009
200801679	Networks	13/000,724	8611261	US	CONTROL CHANNEL SIGNALING FOR MULTIPLE ACK/NACK ASSIGNMENTS	24.06.2009
200802674	Networks	13/131,056	8675611	US	Transmission mode selection based on radio link quality and radio load on the air interface	26.11.2008
201001312	Networks	13/076,498	8804748	US	Hitless node insertion for Ethernet networks	31.03.2011
200801823	Networks	13/062,060	8873399	US	Gateway network element, a method, and a group of load balanced access points configured for load balancing in a communications network	03.09.2008
200298095	Networks	201110048770.X	1053999	CN	METHOD AND CIRCUITRY FOR PROCESSING DATA	29.04.2003
200801386	Networks	08425429.1	2136469	FR	METHOD OF HIGH POWER AMPLIFIERS TRANSFER FUNCTION LINEARIZATION BY ADAPTIVELY CALCULATING MAIN INTERMODULATION PRODUCTS OF RADIOFREQUENCY HARMONIC CANCELLATION	18.06.2008
200801386	Networks	08425429.1	2136469	GB	METHOD OF HIGH POWER AMPLIFIERS TRANSFER FUNCTION LINEARIZATION BY ADAPTIVELY CALCULATING MAIN INTERMODULATION PRODUCTS OF RADIOFREQUENCY HARMONIC CANCELLATION	18.06.2008
200801386	Networks	08425429.1	2136469	IT	METHOD OF HIGH POWER AMPLIFIERS TRANSFER FUNCTION LINEARIZATION BY ADAPTIVELY CALCULATING MAIN INTERMODULATION PRODUCTS OF RADIOFREQUENCY HARMONIC CANCELLATION	18.06.2008
200801386	Networks	08425429.1	2136469	SE	METHOD OF HIGH POWER AMPLIFIERS TRANSFER FUNCTION LINEARIZATION BY ADAPTIVELY CALCULATING MAIN INTERMODULATION PRODUCTS OF RADIOFREQUENCY HARMONIC CANCELLATION	18.06.2008
200801386	Networks	08425429.1	60 2008 007 023.9	DE	METHOD OF HIGH POWER AMPLIFIERS TRANSFER FUNCTION LINEARIZATION BY ADAPTIVELY CALCULATING MAIN INTERMODULATION PRODUCTS OF RADIOFREQUENCY HARMONIC CANCELLATION	18.06.2008
201300546	Networks	13/862,091		US	Radio Access Network Based Traffic Steering to Non-Cellular Access	12.04.2013
201100072	Networks	201180069526.X		CN	METHOD AND APPARATUS FOR IN SEQUENCE DELIVERY OF DOWNLINK LOCAL IP ACCESS (LIPA) PACKETS	15.02.2011
201100072	Networks	13/985,631	9723531	US	METHOD AND APPARATUS FOR IN SEQUENCE DELIVERY OF DOWNLINK LOCAL IP ACCESS (LIPA) PACKETS	15.02.2011

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
201202006	Networks	13/929,944	9154206	US	Vertical Beam Design for UE-Specific Beamforming by Matching to a CB	28.06.2013
201201020	Networks	13/935,717	9332553	US	USE OF LICENSED SHARED SPECTRUM IN A RADIO ACCESS NETWORK WHERE SIGNAL PROPAGATION IS UNKNOWN	05.07.2013
201001374	Networks	2013-7011572	1495502	KR	NETWORK CONTROL BY TRANSFERRING TRAFFIC BETWEEN OPERATION LAYERS BASED ON MONITORED TRAFFIC STATUS	04.10.2010
200598027	Networks	06778557.6	60 2006 037 857.2	DE	METHOD AND ARRANGEMENT FOR RADIO RESOURCE CONTROL	31.08.2006
200598027	Networks	06778557.6	1920617	GB	METHOD AND ARRANGEMENT FOR RADIO RESOURCE CONTROL	31.08.2006
200598027	Networks	06778557.6	1920617	SE	METHOD AND ARRANGEMENT FOR RADIO RESOURCE CONTROL	31.08.2006
201101191	Networks	201180074114.5		CN	Method and device for determining a position for a charging station	13.10.2011
201200970	Networks	13/908,548	9136995	US	Codebook Partitioning for Enabling Elevation-eICIC	03.06.2013
200598008	Networks	06700055.4	60 2006 035 847.4	DE	Clipping of transmission signal	05.01.2006
200598008	Networks	06700055.4	1834462	FR	Clipping of transmission signal	05.01.2006
200598008	Networks	06700055.4	1834462	IT	Clipping of transmission signal	05.01.2006
200598008	Networks	06700055.4	1834462	NL	Clipping of transmission signal	05.01.2006
200802251	Networks	08803590.2	60 2008 019 841.3	DE	REDUCTION OF INTERRUPTION TIME IN A HANDOVER	03.09.2008
200802251	Networks	08803590.2	2364561	GB	REDUCTION OF INTERRUPTION TIME IN A HANDOVER	03.09.2008
200802862	Networks	12109848.1		HK	MODIFYING COMMAND SEQUENCES	08.10.2012
200703629	Networks	08002557.0	60 2008 009 903.2	DE	Method for transmitting data to a user equipments, communication system, base station and user equipment	12.02.2008
200703629	Networks	08002557.0	2091163	GB	Method for transmitting data to a user equipments, communication system, base station and user equipment	12.02.2008
200901567	Networks	13/516,459	8855642	US	NEIGHBOUR CELL LIST IN A PRIVATE NETWORK	17.12.2009
200802389	Networks	09173179.4	60 2009 001 366.1	DE	Using a cache of outgoing packet identifiers to recover from a protocol error in GTP-u	15.10.2009
200802862	Networks	9333/DELNP/2011		IN	MODIFYING COMMAND SEQUENCES	26.06.2009
200802862	Networks	A201200773	104034	UA	MODIFYING COMMAND SEQUENCES	26.06.2009
200802862	Networks	1-2012-00185		VN	MODIFYING COMMAND SEQUENCES	26.06.2009
200802862	Networks	09779982.9	2446624	WE	MODIFYING COMMAND SEQUENCES	26.06.2009
201000652	Networks	13/877,463		US	Subscriber handling in radio telecommunication networks	06.10.2010
200510856	Networks	06763563.1	50 2006 011 826.2	DE	Verfahren und Einrichtung zur Bestimmung des Leckwiderstands von zumindest einer Ader einer mehrere Adern aufweisenden Teilnehmeranschlussleitung in einem Kommunikationsnetz	07.06.2006
200510856	Networks	06763563.1	1897353	FR	Verfahren und Einrichtung zur Bestimmung des Leckwiderstands von zumindest einer Ader einer mehrere Adern aufweisenden Teilnehmeranschlussleitung in einem Kommunikationsnetz	07.06.2006
200510856	Networks	06763563.1	1897353	GB	Verfahren und Einrichtung zur Bestimmung des Leckwiderstands von zumindest einer Ader einer mehrere Adern aufweisenden Teilnehmeranschlussleitung in einem Kommunikationsnetz	07.06.2006
200800699	Networks	08006718.4	60 2008 019 368.3	DE	Method and device for SNR measurement and communication system comprising such device	02.04.2008
200800699	Networks	08006718.4	2107693	FR	Method and device for SNR measurement and communication system comprising such device	02.04.2008
200800699	Networks	08006718.4	2107693	GB	Method and device for SNR measurement and communication system comprising such device	02.04.2008
200800699	Networks	08006718.4	2107693	SE	Method and device for SNR measurement and communication system comprising such device	02.04.2008
200414292	Networks	05797253.1	50 2005 012 631.9	DE	Verfahren zum Nachweis der Verfügbarkeit von Systemkomponenten eines redundanten Kommunikationssystems	11.10.2005
200414292	Networks	05797253.1	1820307	GB	Verfahren zum Nachweis der Verfügbarkeit von Systemkomponenten eines redundanten Kommunikationssystems	11.10.2005
200198080	Networks	02755068.0	1430645	GB	Implementing multicasting	06.09.2002
200198080	Networks	02755068.0	60240453,3	DE	Implementing multicasting	06.09.2002
200900176	Networks	13/262,975	9020507	US	Radio access technology multiplexing	06.04.2009
200703628	Networks	08000392.4	60 2008 008 451.5	DE	Time based and hybrid resource partitioning	10.01.2008
200703628	Networks	08000392.4	2079257	FR	Time based and hybrid resource partitioning	10.01.2008
200703628	Networks	08000392.4	2079257	GB	Time based and hybrid resource partitioning	10.01.2008
200800887	Networks	08425312.9	60 2008 011 692.1	DE	IMPROVEMENT TO REMOTE CONTROL METHODS OF TRANSMISSION SIGNALS ADAPTIVE PREDISTORTION	06.05.2008
200800887	Networks	08425312.9	2117115	FR	IMPROVEMENT TO REMOTE CONTROL METHODS OF TRANSMISSION SIGNALS ADAPTIVE PREDISTORTION	06.05.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200800887	Networks	08425312.9	2117115	GB	IMPROVEMENT TO REMOTE CONTROL METHODS OF TRANSMISSION SIGNALS ADAPTIVE PREDISTORTION	06.05.2008
200800887	Networks	08425312.9	2117115	IT	IMPROVEMENT TO REMOTE CONTROL METHODS OF TRANSMISSION SIGNALS ADAPTIVE PREDISTORTION	06.05.2008
200704256	Networks	08000697.6	60 2008 010 521.0	DE	Method and device for data processing in an optical network and communication system	15.01.2008
200704256	Networks	08000697.6	2081399	DK	Method and device for data processing in an optical network and communication system	15.01.2008
200704256	Networks	08000697.6	2081399	FR	Method and device for data processing in an optical network and communication system	15.01.2008
200704256	Networks	08000697.6	2081399	GB	Method and device for data processing in an optical network and communication system	15.01.2008
200704256	Networks	08000697.6	2081399	IT	Method and device for data processing in an optical network and communication system	15.01.2008
200704256	Networks	08000697.6	2081399	PT	Method and device for data processing in an optical network and communication system	15.01.2008
200704256	Networks	08000697.6	2081399	SE	Method and device for data processing in an optical network and communication system	15.01.2008
200900550	Networks	13/383,333	8843588	US	METHODS, APPARATUSES, RELATED COMPUTER PROGRAM PRODUCT AND DATA STRUCTURE FOR DISTRIBUTED STORAGE OF SERVICE PROVISION-RELATED INFORMATION	10.07.2009
200900694	Networks	13/501,493	9621250	US	Femto access point operable with different spatial characteristic antenna patterns	16.10.2009
200703542	Networks	07020513.3	60 2007 025 663.1	DE	Method and device for transmitting or receiving a clock signal and communication system comprising such device	19.10.2007
200703542	Networks	07020513.3	2051431	GB	Method and device for transmitting or receiving a clock signal and communication system comprising such device	19.10.2007
200511910	Networks	06776986.9	1927218	CH	Optimized bandwidth allocation for guaranteed bandwidth services	21.08.2006
200511910	Networks	06776986.9	60 2006 029 684.3	DE	Optimized bandwidth allocation for guaranteed bandwidth services	21.08.2006
200511910	Networks	06776986.9	1927218	FR	Optimized bandwidth allocation for guaranteed bandwidth services	21.08.2006
200511910	Networks	06776986.9	1927218	GB	Optimized bandwidth allocation for guaranteed bandwidth services	21.08.2006
201001171	Networks	2012/014329	320782	MX	Improved Peer-to-Peer System	17.06.2010
201001171	Networks	13/703,196		US	Improved Peer-to-Peer System	17.06.2010
201001171	Networks	10727387.2		WE	Improved Peer-to-Peer System	17.06.2010
200802521	Networks	PI 0823115-0		BR	Service access control	04.11.2008
200902210	Networks	13/582,772	8917863	US	Method and device for data processing in a digital subscriber line environment	05.03.2010
200902210	Networks	10708181.2		WE	Method and device for data processing in a digital subscriber line environment	05.03.2010
200800318	Networks	08003208.9	2093951	BE	Method and device for processing multimedia data and communication system comprising such device	21.02.2008
200800318	Networks	08003208.9	60 2008 020 896.6	DE	Method and device for processing multimedia data and communication system comprising such device	21.02.2008
200800318	Networks	08003208.9	2093951	FR	Method and device for processing multimedia data and communication system comprising such device	21.02.2008
200800318	Networks	08003208.9	2093951	GB	Method and device for processing multimedia data and communication system comprising such device	21.02.2008
200800318	Networks	08003208.9	2093951	NL	Method and device for processing multimedia data and communication system comprising such device	21.02.2008
200800318	Networks	08003208.9	2093951	SE	Method and device for processing multimedia data and communication system comprising such device	21.02.2008
201200902	Networks	13/590,482	8742842	US	High Efficiency Power Amplifier Architecture for Off-Peak Traffic Hours	21.08.2012
200901492	Networks	13/502,240	9654371	US	DETERMINATION OF SYSTEM PERFORMANCE PARAMETERS IN HETEROGENEOUS NETWORK ENVIRONMENTS	22.10.2009
201201091	Networks	13/586,284	8619894	US	Methods and Apparatus For Beamforming	15.08.2012
201102059	Networks	13/423,433		US	Storage and processing savings when adapting video bit rate to link speed	19.03.2012
200803115	Networks	2011/4096	2011/4096	ZA	INPUT-SENSITIVE INTERFACE SELECTION FOR POSTING	06.11.2009
200621866	Networks	07821346.9	2082344	BE	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	CH	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	50 2007 010 651.8	2082344	DE	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	DK	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	ES	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	FR	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	GB	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	IT	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200621866	Networks	07821346.9	2082344	NL	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200621866	Networks	07821346.9	2082344	SE	Anordnung und Verfahren zur Bereitstellung von Daten	15.10.2007
200702487	Networks	07017520.3	2034730	BE	Load control for a television distribution system	06.09.2007
200702487	Networks	07017520.3	60 2007 019 013.4	DE	Load control for a television distribution system	06.09.2007
200702487	Networks	07017520.3	2034730	FR	Load control for a television distribution system	06.09.2007
200702487	Networks	07017520.3	2034730	GB	Load control for a television distribution system	06.09.2007
200702487	Networks	07017520.3	2034730	NL	Load control for a television distribution system	06.09.2007
200901199	Networks	13/579,979		US	Method and device for conveying OAM messages across an inter-carrier network	19.02.2010
200901199	Networks	10705156.7		WE	Method and device for conveying OAM messages across an inter-carrier network	19.02.2010
200698008	Networks	07766531.3	60 2007 027 162.2	DE	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAYER	11.06.2007
200698008	Networks	07766531.3	2036165	FR	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAYER	11.06.2007
200698008	Networks	07766531.3	2036165	GB	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAYER	11.06.2007
200698008	Networks	07766531.3	2036165	NL	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAYER	11.06.2007
200698008	Networks	07766531.3	2036165	SE	ANTENNA ARRAY AND UNIT CELL USING AN ARTIFICIAL MAGNETIC LAYER	11.06.2007
200098082	Networks	01913916.1	601 47 051.6	DE	METHOD INCLUDING A RADIO TRANSMITTER FOR IMPROVING RADIO LINK OPERATION	28.02.2001
200098082	Networks	01913916.1	1262032	FR	METHOD INCLUDING A RADIO TRANSMITTER FOR IMPROVING RADIO LINK OPERATION	28.02.2001
200098082	Networks	01913916.1	1262032	GB	METHOD INCLUDING A RADIO TRANSMITTER FOR IMPROVING RADIO LINK OPERATION	28.02.2001
200098082	Networks	07102192.7	601 46 880.5	DE	METHOD OF IMPROVING RADIO LINK OPERATION	28.02.2001
200098082	Networks	07102192.7	1777839	FR	METHOD OF IMPROVING RADIO LINK OPERATION	28.02.2001
200098082	Networks	07102192.7	1777839	GB	METHOD OF IMPROVING RADIO LINK OPERATION	28.02.2001
201000191	Networks	10712043.8		WE	Bandwidth Extension Usage Optimization	25.03.2010
200703978	Networks	08717901.6	60 2008 024 565.9	DE	Method and device for providing content information and system comprising such device	17.03.2008
200703978	Networks	08717901.6	2245825	FR	Method and device for providing content information and system comprising such device	17.03.2008
200703978	Networks	08717901.6	2245825	GB	Method and device for providing content information and system comprising such device	17.03.2008
200703978	Networks	08717901.6	2245825	BE	Method and device for providing content information and system comprising such device	17.03.2008
200703978	Networks	08717901.6	2245825	NL	Method and device for providing content information and system comprising such device	17.03.2008
200802162	Networks	12180950.3		EP	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200902078	Networks	13/576,410	8929206	US	METHOD OF SUPERVISING A NODE IN A COMMUNICATION SYSTEM	04.02.2010
200902078	Networks	10703447.2		WE	A METHOD OF SUPERVISING A NODE IN A COMMUNICATION SYSTEM	04.02.2010
201200963	Networks	13/599,704	8868026	US	Sending BCCH Modification info/ETWS Information to UEs in enhanced Cell PCH in one DRX cycle	30.08.2012
201200591	Networks	13/557,648	8922453	US	Variable Adaption of Active Antenna System Radio Frequency Signal Filtering	25.07.2012
200802520	Networks	08805078.6	2338262	CZ	Service Provider Access	06.10.2008
200802520	Networks	08805078.6	2338262	FR	Service Provider Access	06.10.2008
200802520	Networks	08805078.6	2338262	NL	Service Provider Access	06.10.2008
200703967	Networks	07020700.6	60 2007 030 281.1	DE	Method and device for data processing and communication system comprising such device	23.10.2007
200703967	Networks	07020700.6	2053774	GB	Method and device for data processing and communication system comprising such device	23.10.2007
200901487	Networks	201080067883.8	102986085	CN	ANTENNA ARRANGEMENT	28.10.2010
200901487	Networks	10012/DELNP/2012		IN	ANTENNA ARRANGEMENT	28.10.2010
200901487	Networks	2013-515716	5596857	JP	ANTENNA ARRANGEMENT	28.10.2010
200901487	Networks	2013-7002659	1430039	KR	ANTENNA ARRANGEMENT	28.10.2010
200901487	Networks	13/807,038		US	ANTENNA ARRANGEMENT	28.10.2010
200901487	Networks	10776330.2		WE	ANTENNA ARRANGEMENT	28.10.2010
200900843	Networks	09779719.5	60 2009 014 647.5	DE	Code Block selection combining in multi point reception up-link data transfer	10.06.2009
200900843	Networks	09779719.5	2441194	GB	Code Block selection combining in multi point reception up-link data transfer	10.06.2009
200298103	Networks	03103988.6	603 43 600.5	DE	Data transmission method using antenna diversity	28.10.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200803251	Networks	09005900.7	2247061	BE	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	28.04.2009
200803251	Networks	09005900.7	50 2009 002 103.8	DE	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	28.04.2009
200803251	Networks	09005900.7	2247061	FR	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	28.04.2009
200803251	Networks	09005900.7	2247061	GB	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	28.04.2009
200803251	Networks	09005900.7	2247061	NL	Verfahren und Vorrichtung zum berechtigungsabhängigen Zugriff auf Multimediainhalte sowie die Vorrichtung umfassendes System	28.04.2009
200703978	Networks	08717901.6	2245825	SE	Method and device for providing content information and system comprising such device	17.03.2008
200901285	Networks	4753/DELNP/2012		IN	Mechanism for Alarm Management of Femto related Systems to avoid Alarm floods	10.12.2009
200901285	Networks	13/514,184	9225587	US	Mechanism for Alarm Management of Femto related Systems to avoid Alarm floods	10.12.2009
200901285	Networks	09851956.4		WE	ALARM MANAGEMENT IN A COMMUNICATIONS SYSTEM	10.12.2009
200802162	Networks	09100113.1	60 2009 009 752.0	DE	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802162	Networks	09100113.1	2219322	ES	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802162	Networks	09100113.1	2219322	FR	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802162	Networks	09100113.1	2219322	GB	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802162	Networks	09100113.1	2219322	IT	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802162	Networks	09100113.1	2219322	NL	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802162	Networks	09100113.1	TR201213975T4	TR	Method, System and Nodes for Network Topology Detection in Communication Networks	13.02.2009
200802984	Networks	13/148,580	8989291	US	Spatial pre-coding for transmitting data within a mobile telecommunication network	10.02.2009
200802984	Networks	09779035.6		WE	Spatial pre-coding for transmitting data within a mobile telecommunication network	10.02.2009
201201666	Networks	13/714,584		US	CARRIER DEPLOYMENT METHOD FOR REDUCED BANDWIDTH MTC DEVICES	14.12.2012
200703654	Networks	07019472.5	60 2007 031 646.4	DE	ACCESS SERVICE NETWORK FOR USE IN A MOBILE IP BASED COMMUNICATION SYSTEM	04.10.2007
200703654	Networks	07019472.5	2045990	GB	ACCESS SERVICE NETWORK FOR USE IN A MOBILE IP BASED COMMUNICATION SYSTEM	04.10.2007
200702614	Networks	07821900.3	2104938	BE	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821900.3	60 2007 032 564.1	DE	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821900.3	2104938	FR	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821900.3	2104938	GB	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821900.3	2104938	NL	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821900.3	2104938	SE	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200600240	Networks	07803289.3	1932348	CH	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	DK	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	BE	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	ES	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	FR	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	GB	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200600240	Networks	07803289.3	1932348	IT	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	NL	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200600240	Networks	07803289.3	1932348	SE	Vorrichtung und Verfahren zum individuellen Wechsel zwischen Sendungen	06.09.2007
200802639	Networks	13/124,321	8737326	US	ALLOCATING RESOURCE UNITS TO A MOBILE STATION	22.09.2009
200701633	Networks	07857347.4	60 2007 018 342	DE	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
200701633	Networks	07857347.4	2111712	FR	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
200701633	Networks	07857347.4	2111712	GB	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
200701633	Networks	07857347.4	2111712	NL	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
200701633	Networks	07857347.4	2111712	SE	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
200701633	Networks	07857347.4	2111712	BE	Method, apparatus, and computer program product for dynamic bandwidth management in an IP-network	10.12.2007
201301513	Networks	14/325,784	9148278	US	DIGITAL FREQUENCY SYNTHESIS	08.07.2014
201101042	Networks	201280042527.X	103858313	CN	Method, apparatus, and system for controlling electric current	22.06.2012
201101042	Networks	14/241,941		US	Method, apparatus, and system for controlling electric current	22.06.2012
200801436	Networks	14/193,516	9490958	US	ALLOCATING RESOURCES WITHIN A COMMUNICATION SYSTEM	30.05.2008
201101108	Networks	13/151,447	8649996	US	Container Control	02.06.2011
200901335	Networks	2014-7003781	1700725	KR	Signal Predistortion for Non-Linear Amplifier	13.07.2011
200901335	Networks	14/232,071	9362869	US	Signal Predistortion for Non-Linear Amplifier	13.07.2011
200901335	Networks	11730692.8		WE	Signal Predistortion for Non-Linear Amplifier	13.07.2011
200602663	Networks	07727599.8	50 2007 007 729.1	DE	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
200602663	Networks	07727599.8	2013995	GB	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
200703670	Networks	07022626.1	60 2007 034 626.6	DE	Method and device for processing data and to a communication system comprising such device	21.11.2007
200703670	Networks	07022626.1	2063618	GB	Method and device for processing data and to a communication system comprising such device	21.11.2007
200800669	Networks	09730271.5	60 2009 022 406.9	DE	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	01.04.2009
200800669	Networks	09730271.5	2266259	FR	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	01.04.2009
200800669	Networks	09730271.5	2266259	GB	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	01.04.2009
200800669	Networks	09730271.5	2266259	SE	NETWORK NODE POWER CONSERVATION APPARATUS, SYSTEM, AND METHOD	01.04.2009
201101086	Networks	14/350,649		US	Method, metering equipment, user device, and system for providing of metering information	14.10.2011
201301420	Networks	13198995.6		EP	Base Station Protocol Determination	20.12.2013
201101701	Networks	14/355,899	9609522	US	MULTI-CELL TRANSMISSIONS	03.11.2011
201101701	Networks	11782094.4		WE	MULTI-CELL TRANSMISSIONS	03.11.2011
201101880	Networks	12700033.9		WE	RATE CAPPING WITH MULTIPLE CARRIER AGGREGATION SCHEDULERS	02.01.2012
200801746	Networks	08104577.5	60 2008 033 271.3	DE	Method and network element for processing data and communication system comprising such network element	27.06.2008
200801746	Networks	08104577.5	2139216	GB	Method and network element for processing data and communication system comprising such network element	27.06.2008
200803125	Networks	2751980	2751980	CA	Method and device for data processing	11.02.2010
200803125	Networks	13/201,229	8934358	US	Method and device for data processing	11.02.2010
201100134	Networks	14/350,185	9537936	US	Joint Processing	07.10.2011
201100134	Networks	11769846.4		WE	Joint Processing	07.10.2011
201102331	Networks	13/593,049		US	Windows in conductive covering of dielectric bodies for filters	23.08.2012
201102331	Networks	12759806.8		WE	Multi-mode filter	23.08.2012
201001258	Networks	10762623.6	60 2010 017 542.1	DE	Method and Network Devices for Splitting of a Data Stream	21.09.2010
201001258	Networks	10762623.6	2619946	FR	Method and Network Devices for Splitting of a Data Stream	21.09.2010
201001258	Networks	10762623.6	2619946	GB	Method and Network Devices for Splitting of a Data Stream	21.09.2010
201001258	Networks	10762623.6	2619946	IT	Method and Network Devices for Splitting of a Data Stream	21.09.2010
201400347	Networks	14/274,944	9231676	US	Low Effort Massive MIMO Antenna Arrays and Their Use	12.05.2014

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
201200772	Networks	14184787.1		EP	Method, system and apparatus for establishing a data connection with parallel communication channels	15.09.2014
201302163	Networks	14/134,965	9614264	US	Filter	19.12.2013
201100007	Networks	12701876.0		WE	Time Synchronization in DSL Environment	26.01.2012
201400847	Networks	14/506,023		US	Modular Active Antenna Structures and Arrangements	03.10.2014
201401183	Networks	14187934.6		EP	CONTROLLING TRANSMISSION	07.10.2014
201301460	Networks	14/508,401	9509426	US	Interference Estimation Resource Definition and Usage for Enhanced Receivers	07.10.2014
201102110	Networks	12711877.6		WE	Transmission system	30.03.2012
200511530	Networks	06777333.3	1900182	FR	Verfahren und Einrichtung zur Überprüfung des Zuschaltens einer positiven Versorgungsspannung auf eine mehrere Adern umfassende Teilnehmeranschlussleitung	14.06.2006
200511530	Networks	06777333.3	1900182	GB	Verfahren und Einrichtung zur Überprüfung des Zuschaltens einer positiven Versorgungsspannung auf eine mehrere Adern umfassende Teilnehmeranschlussleitung	14.06.2006
201200489	Networks	14/399,284		US	Adapting a system bandwidth to be used by a user equipment for an uplink communication channel	11.05.2012
201200489	Networks	12719769.7		WE	Adapting a system bandwidth to be used by a user equipment for an uplink communication channel	11.05.2012
201101908	Networks	14/365,183	9344254	US	Two Outer Loop Link Adaptations for Legacy User Equipment	15.12.2011
201100825	Networks	14/390,078		US	Network management system	02.04.2012
201200591	Networks	201380039564.X	104488137	CN	Variable Adaption of Active Antenna System Radio Frequency Signal Filtering	18.07.2013
201200591	Networks	13737613.3		WE	Variable Adaption of Active Antenna System Radio Frequency Signal Filtering	18.07.2013
201401493	Networks	14/593,187	9380500	US	Methods And Apparatus For Radio Link Failure Reporting	09.01.2015
201102059	Networks	2014-7029377	1654333	KR	Storage and processing savings when adapting video bit rate to link speed	15.03.2013
201102059	Networks	13709437.1		WE	Storage and processing savings when adapting video bit rate to link speed	15.03.2013
201101258	Networks	14/353,907	9445425	US	METHOD OF TRANSMISSION IN A COMMUNICATIONS NETWORK	24.10.2011
201101258	Networks	11773465.7		WE	METHOD OF TRANSMISSION IN A COMMUNICATIONS NETWORK	24.10.2011
201002407	Networks	12705841.0		WE	Method and device for data processing in a digital subscriber line environment	20.02.2012
200801679	Networks	09769290.9	60 2009 025 825.7	DE	CONTROL CHANNEL SIGNALING FOR MULTIPLE ACK/NACK ASSIGNMENTS	24.06.2009
200801679	Networks	09769290.9	2291942	GB	CONTROL CHANNEL SIGNALING FOR MULTIPLE ACK/NACK ASSIGNMENTS	24.06.2009
201401728	Networks	14/535,887	9473182	US	Oportunistic interference cancellation of radar signals	07.11.2014
201201211	Networks	201280076637.8		CN	Distance to VSWR fault measurement	25.10.2012
201201211	Networks	14/437,908		US	Distance to VSWR fault measurement	25.10.2012
201201211	Networks	12797729.6		WE	Distance to VSWR fault measurement	25.10.2012
201201728	Networks	201280078026.7		CN	Uplink Backpressure Coordination	26.10.2012
201201728	Networks	14/438,492		US	Uplink Backpressure Coordination	26.10.2012
201201728	Networks	12783556.9		WE	Uplink Backpressure Coordination	26.10.2012
201501723	Networks	201710065457.4		CN	METHOD AND APPARATUS FOR IMPLEMENTING A RETRANSMISSION SCHEME	06.02.2017
201501723	Networks	17151710.5		EP	METHOD AND APPARATUS FOR IMPLEMENTING A RETRANSMISSION SCHEME	17.01.2017
201400779	Networks	201480081226.7		CN	PMI SELECTION	14.08.2014
201400779	Networks	15/503,546		US	PMI SELECTION	14.08.2014
201400847	Networks	15188112.5		EP	Modular Active Antenna Structures and Arrangements	02.10.2015
201501127	Networks	15/010,616		US	METHOD AND APPARATUS FOR IMPLEMENTING AN ADAPTIVE COEXISTENCE SCHEME	29.01.2016
200505444	Networks	06725344.3	50 2006 014 528.6	DE	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505444	Networks	06725344.3	1867155	GB	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505123	Networks	06725199.1	1864540	CH	Fast Synchronised Transparent Handover Method and System	21.03.2006
200505123	Networks	06725199.1	1864540	FR	Fast Synchronised Transparent Handover Method and System	21.03.2006
200505123	Networks	06725199.1	1864540	IE	Fast Synchronised Transparent Handover Method and System	21.03.2006
200505123	Networks	06725199.1	1864540	LU	Fast Synchronised Transparent Handover Method and System	21.03.2006
201201144	Networks	201280077042.4		CN	Fast load balancing by cooperative scheduling for heterogeneous networks with eICIC	13.09.2012
201201144	Networks	14/428,059	9537624	US	Fast load balancing by cooperative scheduling for heterogeneous networks with eICIC	13.09.2012
201201144	Networks	12758480.3		WE	Fast load balancing by cooperative scheduling for heterogeneous networks with eICIC	13.09.2012

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200801823	Networks	08803591.0	60 2008 037 594.3	DE	A gateway network element configured for load balancing in a communications network	03.09.2008
200801823	Networks	08803591.0	2324657	FR	A gateway network element configured for load balancing in a communications network	03.09.2008
200801823	Networks	08803591.0	2324657	GB	A gateway network element configured for load balancing in a communications network	03.09.2008
200801823	Networks	08803591.0	2324657	IT	A gateway network element configured for load balancing in a communications network	03.09.2008
200702072	Networks	08735805.7	60 2008 040 643.1	DE	Method and device for adjusting a transmission mode and system comprising such device	03.04.2008
200702072	Networks	08735805.7	2147529	GB	Method and device for adjusting a transmission mode and system comprising such device	03.04.2008
201501966	Networks	15/086,777		US	PRE-COMBINER INTERFERENCE REMOVAL	31.03.2016
201502391	Networks	PCT/EP2016/054389		WO	Data center managed connectivity	02.03.2016
201200902	Networks	13750589.7		WE	High Efficiency Power Amplifier Architecture for Off-Peak Traffic Hours	21.08.2013
201201020	Networks	12733117.1		WE	USE OF LICENSED SHARED SPECTRUM IN A RADIO ACCESS NETWORK WHERE SIGNAL PROPAGATION IS UNKNOWN	06.07.2012
200602663	Networks	201410831822.4		CN	Verfahren zur Synchronisation von Baugruppen einer Basisstation	30.03.2007
201100072	Networks	11703880.2	60 2011 015 211.4	DE	METHOD AND APPARATUS FOR IN SEQUENCE DELIVERY OF DOWNLINK LOCAL IP ACCESS (LIPA) PACKETS	15.02.2011
201100072	Networks	11703880.2	2676478	FR	METHOD AND APPARATUS FOR IN SEQUENCE DELIVERY OF DOWNLINK LOCAL IP ACCESS (LIPA) PACKETS	15.02.2011
201100072	Networks	11703880.2	2676478	GB	METHOD AND APPARATUS FOR IN SEQUENCE DELIVERY OF DOWNLINK LOCAL IP ACCESS (LIPA) PACKETS	15.02.2011
201100072	Networks	11703880.2	2676478	SE	METHOD AND APPARATUS FOR IN SEQUENCE DELIVERY OF DOWNLINK LOCAL IP ACCESS (LIPA) PACKETS	15.02.2011
201500193	Networks	15168360.4		EP	ANTENNA STRUCTURE	20.05.2015
201500216	Networks	15180490.3		EP	N-way load modulation amplifier	11.08.2015
201401959	Networks	14/610,079	9603055	US	Controlling LTE/Wi-Fi aggregation	30.01.2015
201200665	Networks	14/419,757	9660784	US	METHOD AND APPARATUS PROVIDING INTER-TRANSMISSION POINT PHASE RELATIONSHIP FEEDBACK FOR JOINT TRANSMISSION CoMP	06.08.2013
201502220	Networks	14/969,420		US	Method of WLAN Mobility Set Construction	15.12.2015
201102151	Networks	14/641,499		US	SCHEDULING IMPROVEMENT	09.03.2015
200800330	Networks	08002559.6	60 2008 043 421.4	DE	Method and device for data processing in a digital subscriber line environment and communication system comprising such device	12.02.2008
200800330	Networks	08002559.6	2091172	GB	Method and device for data processing in a digital subscriber line environment and communication system comprising such device	12.02.2008
201402252	Networks	14/605,052	9294931	US	Co-primary spectrum sharing for 4G/5G small cell base stations with long term fairness criteria	26.01.2015
201201155	Networks	201280075726.0		CN	Power Control	10.09.2012
201201155	Networks	14/426,798		US	Power Control	10.09.2012
201201155	Networks	12758464.7		WE	Power+Control	10.09.2012
201402290	Networks	2011-099184	5609759	JP	WIRELESS BASE STATION APPARATUS AND COMMUNICATION CONTROL METHOD	27.04.2011
201402290	Networks	201280013984.6	103444224	CN	WIRELESS BASE STATION APPARATUS AND COMMUNICATION CONTROL METHOD	24.04.2012
201402290	Networks	14/007,443	9313710	US	WIRELESS BASE STATION APPARATUS AND COMMUNICATION CONTROL METHOD	24.04.2012
201300546	Networks	14714220.2		WE	Radio Access Network Based Traffic Steering to Non-Cellular Access	25.03.2014
201201250	Networks	1509500.3		GB	Antenna selection for coordinated multipoint uplink reception	30.11.2012
201201250	Networks	14/648,303		US	Antenna selection for coordinated multipoint uplink reception	30.11.2012
201301936	Networks	15/303,291		US	ENHANCING INTERFERENCE REJECTION	11.04.2014
201301936	Networks	14717442.9		WE	ENHANCING INTERFERENCE REJECTION	11.04.2014
201101880	Networks	15/426,107		US	RATE CAPPING WITH MULTIPLE CARRIER AGGREGATION SCHEDULERS	02.01.2012
201301460	Networks	201480066897.6		CN	Interference Estimation Resource Definition and Usage for Enhanced Receivers	07.10.2014
201301460	Networks	14795699.9		WE	Interference Estimation Resource Definition and Usage for Enhanced Receivers	07.10.2014
201201786	Networks	14/785,870		US	INCOMING CALL	22.04.2013
201201786	Networks	13719459.3		WE	INCOMING CALL	22.04.2013
200802521	Networks	08875273.8	60 2008 045 642.0	DE	Service access control	04.11.2008
200802521	Networks	08875273.8	2347559	FR	Service access control	04.11.2008
200802521	Networks	08875273.8	2347559	GB	Service access control	04.11.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
201500193	Networks	15/158,686		US	ANTENNA STRUCTURE	19.05.2016
201302013	Networks	201480077642.X		CN	HANDOVER OF SUBSCRIBER TERMINAL OF MOBILE COMMUNICATIONS NETWORK	28.01.2014
201302013	Networks	201617025536		IN	HANDOVER OF SUBSCRIBER TERMINAL OF MOBILE COMMUNICATIONS NETWORK	28.01.2014
201302013	Networks	14704091.9		WE	HANDOVER OF SUBSCRIBER TERMINAL OF MOBILE COMMUNICATIONS NETWORK	28.01.2014
201300942	Networks	201480075450.5		CN	ANTENNA ARRANGEMENT FOR ORTHOGONALLY POLARIZED OMNIDIRECTIONAL TRANSMISSION	14.02.2014
201300942	Networks	11201604310Y		SG	ANTENNA ARRANGEMENT FOR ORTHOGONALLY POLARIZED OMNIDIRECTIONAL TRANSMISSION	14.02.2014
201300942	Networks	15/117,642		US	ANTENNA ARRANGEMENT FOR ORTHOGONALLY POLARIZED OMNIDIRECTIONAL TRANSMISSION	14.02.2014
201300942	Networks	14710199.2		WE	ANTENNA ARRANGEMENT FOR ORTHOGONALLY POLARIZED OMNIDIRECTIONAL TRANSMISSION	14.02.2014
201301986	Networks	201480079711.0		CN	A METHOD, APPARATUS AND SYSTEM	11.04.2014
201301986	Networks	2017-504214		JP	A METHOD, APPARATUS AND SYSTEM	11.04.2014
201301986	Networks	15/303,303		US	A METHOD, APPARATUS AND SYSTEM	11.04.2014
201301986	Networks	14889134.4		WE	A METHOD, APPARATUS AND SYSTEM	11.04.2014
201300553	Networks	14714221.0		WE	Automatic Learning of Wi-Fi Neighbors and Network Characteristics	25.03.2014
200701617	Networks	07016688.9	60 2007 044 758.5	DE	Method and apparatus for temporarily suspending a network connection	24.08.2007
200701617	Networks	07016688.9	2028901	GB	Method and apparatus for temporarily suspending a network connection	24.08.2007
201101908	Networks	11797013.7	60 2011 030 208.6	DE	Method for configuring a communication channel	15.12.2011
201101908	Networks	11797013.7	2792202	FR	Method for configuring a communication channel	15.12.2011
201101908	Networks	11797013.7	2792202	GB	Method for configuring a communication channel	15.12.2011
201400769	Networks	14777321.2		WE	Wideband transmit signal generation	30.09.2014
201301513	Networks	2015-098756		JP	SYSTEMS AND TECHNIQUES FOR OSCILLATOR OUTPUT FREQUENCY CONTROL USING PHASE ADJUSTMENT	14.05.2015
201201629	Networks	201380073017.3		CN	Antenna Selection in Coordinated Multipoint Communications	14.02.2013
201201629	Networks	14/766,514		US	Antenna Selection in Coordinated Multipoint Communications	14.02.2013
201501723	Networks	15/016,931		US	METHOD AND APPARATUS FOR IMPLEMENTING A RETRANSMISSION SCHEME	05.02.2016
200802862	Networks	09779982.9	60 2009 042 292.8	DE	MODIFYING COMMAND SEQUENCES	26.06.2009
200802862	Networks	09779982.9	2446624	FR	MODIFYING COMMAND SEQUENCES	26.06.2009
200802862	Networks	09779982.9	2446624	GB	MODIFYING COMMAND SEQUENCES	26.06.2009
200703601	Networks	07852987.2	60 2007 048 408.1	DE	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703601	Networks	07852987.2	2206369	GB	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
201501966	Networks	3697/DEL/2015		IN	Pre-Combiner Interference Removal	12.11.2015
201501538	Networks	16190048.5		EP	Ground Phase Manipulation in a Beam Forming Antenna	22.09.2016
201500443	Networks	201610545417.5		CN	METHOD AND APPARATUS FOR IMPLEMENTING A DISTRIBUTED INTERWORKING BASED ON USER EQUIPMENT THROUGHPUT	28.04.2016
201500443	Networks	16167313.2		EP	METHOD AND APPARATUS FOR IMPLEMENTING A DISTRIBUTED INTERWORKING BASED ON USER EQUIPMENT THROUGHPUT	27.04.2016
201401959	Networks	201610205910.2		CN	Controlling LTE/Wi-Fi aggregation	29.01.2016
201401959	Networks	16152556.3		EP	Controlling LTE/Wi-Fi aggregation	25.01.2016
200801042	Networks	08760562.2	2289198	CH	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
200801042	Networks	08760562.2	60 2008 040 778.0	DE	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
200801042	Networks	08760562.2	2289198	FR	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
200801042	Networks	08760562.2	2289198	GB	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
200801042	Networks	08760562.2	2289198	IE	RECEIVING UNIT IN A WIRELESS COMMUNICATION NETWORK AND METHOD FOR GENERATING AN AUTOMATIC REPEAT REQUEST FEEDBACK MESSAGE	05.06.2008
201400327	Networks	201480078735.4		CN	IMPROVED ANTENNA ARRANGEMENT	09.05.2014
201400327	Networks	15/307,871		US	IMPROVED ANTENNA ARRANGEMENT	09.05.2014
200902079	Networks	10703430.8	60 2010 029 320.3	DE	METHOD FOR CONTROLLING ACCESS TO RESOURCES	25.01.2010

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200902079	Networks	10703430.8	2529527	GB	METHOD FOR CONTROLLING ACCESS TO RESOURCES	25.01.2010
201501538	Networks	14/878,622		US	Ground Phase Manipulation in a Beam Forming Antenna	08.10.2015
200702614	Networks	07821906.0	60 2007 048 988.1	DE	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821906.0	2156439	FR	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
200702614	Networks	07821906.0	2156439	GB	Apparatus for processing audio and/or video data and method to be run on said apparatus	26.10.2007
201201188	Networks	14/443,095	9484874	US	INPUT AMPLITUDE MODULATED OUTPHASING WITH AN UNMATCHED COMBINER	16.11.2012
201500443	Networks	14/698,494	9713036	US	METHOD AND APPARATUS FOR IMPLEMENTING A DISTRIBUTED INTERWORKING BASED ON USER EQUIPMENT THROUGHPUT	28.04.2015
201000652	Networks	10761017.2	60 2010 029 964.3	DE	Subscriber handling in radio telecommunication networks	06.10.2010
201000652	Networks	10761017.2	2625826	FR	Subscriber handling in radio telecommunication networks	06.10.2010
201400638	Networks	15/315,544		US	Dynamic quality of service management	13.06.2014
201400638	Networks	14730863.9		WE	Dynamic quality of service management	13.06.2014
200505445	Networks	06725343.5	50 2006 015 310.6	DE	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505445	Networks	06725343.5	1867154	FR	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
200505445	Networks	06725343.5	1867154	GB	Verfahren und Anordnung zum Speichern und Wiedergeben von TV-Sendungen	28.03.2006
201400347	Networks	201510238205.8		CN	Low Effort Massive MIMO Antenna Arrays and Their Use	12.05.2015
201400347	Networks	15165647.7		EP	Low Effort Massive MIMO Antenna Arrays and Their Use	29.04.2015
201201786	Networks			US	INCOMING CALL	
200800607	Networks	08103819.2	60 2008 050 938.9	DE	Patch antenna element array	05.05.2008
201401493	Networks	PCT/EP2015/081360		CN	METHODS AND APPARATUS FOR RADIO LINK FAILURE REPORTING	29.12.2015
201401493	Networks	15820864.5		WE	METHODS AND APPARATUS FOR RADIO LINK FAILURE REPORTING	29.12.2015
200902078	Networks	10703447.2		DE	A METHOD OF SUPERVISING A NODE IN A COMMUNICATION SYSTEM	04.02.2010
200902078	Networks	10703447.2		GB	A METHOD OF SUPERVISING A NODE IN A COMMUNICATION SYSTEM	04.02.2010
200902078	Networks	10703447.2		NL	A METHOD OF SUPERVISING A NODE IN A COMMUNICATION SYSTEM	04.02.2010
200902078	Networks	10703447.2		PL	A METHOD OF SUPERVISING A NODE IN A COMMUNICATION SYSTEM	04.02.2010
120045	ALU	09/087708	US6246725	US	Reduction of power consumption in ADSL modem.	01.06.1998
120045	ALU	124552	IL124552	IL	Reduction of power consumption in ADSL modem.	19.05.1998
120119	ALU	97402201.4	EP0903897	GB	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	ES	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	IT	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	DE	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	FR	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	BE	Multicarrier transmission system	22.09.1997
120015	ALU	08/965136	US5903612	US	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	06.11.1997
120015	ALU	305853/97	JP3429169	JP	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	07.11.1997
120015	ALU	122048	IL122048	IL	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	28.10.1997
120015	ALU	43639/97	AU734451	AU	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	30.10.1997
120016	ALU	08/965141	US6072810	US	ATM TIME REFERENCE TRANSPORT OVER ADSL.	06.11.1997
120016	ALU	305854/97	JP3825156	JP	ATM TIME REFERENCE TRANSPORT OVER ADSL.	07.11.1997
120016	ALU	122049	IL122049	IL	ATM TIME REFERENCE TRANSPORT OVER ADSL.	28.10.1997
120016	ALU	43693/97	AU732219	AU	ATM TIME REFERENCE TRANSPORT OVER ADSL.	03.11.1997
120017	ALU	08/967155	US6215793	US	ADSL RATE RE-NEGOTIATION.	10.11.1997
120017	ALU	310558/97	JP3833799	JP	ADSL RATE RE-NEGOTIATION.	12.11.1997
120017	ALU	122071	IL122071	IL	ADSL RATE RE-NEGOTIATION.	30.10.1997
120017	ALU	43692/97	AU720494	AU	ADSL RATE RE-NEGOTIATION.	03.11.1997
123166	ALU	09/007865	US6351473	US	RFI REDUCTION IN DMT SYSTEMS.	15.01.1998
120019	ALU	09/010814	US6151690	US	VDSL DYNAMIC TRIANGULAR INTERLEAVER.	23.01.1998
120019	ALU	2661/1998	KR100502384	KR	VDSL DYNAMIC TRIANGULAR INTERLEAVER.	31.01.1998
120019	ALU	019500/98	JP4049429	JP	VDSL DYNAMIC TRIANGULAR INTERLEAVER.	30.01.1998
120019	ALU	122982	IL122982	IL	VDSL DYNAMIC TRIANGULAR INTERLEAVER.	19.01.1998
120019	ALU	52730/98	AU726761	AU	VDSL DYNAMIC TRIANGULAR INTERLEAVER.	23.01.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
110522	ALU	97440128.3	EP0856998	GB	ATM Radio Transmission	08.12.1997
110522	ALU	97440128.3	EP0856998	DE	ATM Radio Transmission	08.12.1997
110522	ALU	97440128.3	EP0856998	FR	ATM Radio Transmission	08.12.1997
120038	ALU	09/113958	US6400705	US	PON-BASED CATV NETWORKS.	10.07.1998
110260	ALU	98105321.1	ZL98105321.1	CN	Call and Credit	20.02.1998
110260	ALU	09/023033	US6085179	US	Call and Credit	13.02.1998
110260	ALU	98440032.5	EP0860975	GB	Call and Credit	19.02.1998
110260	ALU	98440032.5	EP0860975	DE	Call and Credit	19.02.1998
110260	ALU	98440032.5	EP0860975	FR	Call and Credit	19.02.1998
110230	ALU	09/078908	US6192421	US	Switching between operating systems	14.05.1998
120185	ALU	09/340675	US6337981	US	VISITED OPERATOR ENVIRONMENT.	29.06.1999
120185	ALU	98401676.6	EP0969645	GB	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	172924/99	JP4246854	JP	VISITED OPERATOR ENVIRONMENT.	18.06.1999
120185	ALU	98401676.6	EP0969645	IT	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	98401676.6	EP0969645	DE	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	98401676.6	EP0969645	FR	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	99110138.3	ZL99110138.3	CN	VISITED OPERATOR ENVIRONMENT.	02.07.1999
111002	ALU	09/334606	US6338070	US	Persistency Data Base	17.06.1999
120216	ALU	09/346930	US6842514	US	INTERFACE BETWEEN IN AND CTI.	02.07.1999
120216	ALU	176231/99	JP4398012	JP	INTERFACE BETWEEN IN AND CTI.	23.06.1999
94936	ALU	09/113719	US6240129	US	Single frequency or banded noise imm...	10.07.1998
120119	ALU	09/158596	US6628738	US	Multicarrier transmission system	22.09.1998
120119	ALU	265181/98	JP4188466	JP	Multicarrier transmission system	18.09.1998
120119	ALU	125333	IL125333	IL	Multicarrier transmission system	13.07.1998
120119	ALU	84187/98	AU743588	AU	Multicarrier transmission system	11.09.1998
120247	ALU	98402408.3	EP0991222	GB	ADSL Fast Transition to full power state.	30.09.1998
120247	ALU	98402408.3	EP0991222	ES	ADSL Fast Transition to full power state.	30.09.1998
120247	ALU	98402408.3	EP0991222	IT	ADSL Fast Transition to full power state.	30.09.1998
120247	ALU	98402408.3	EP0991222	DE	ADSL Fast Transition to full power state.	30.09.1998
120247	ALU	98402408.3	EP0991222	FR	ADSL Fast Transition to full power state.	30.09.1998
131075	ALU	464392	US6731643	US	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	16.12.1999
131075	ALU	99440358.2	EP1018824	GB	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
131075	ALU	99440358.2	EP1018824	IT	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
131075	ALU	99440358.2	EP1018824	DE	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
131075	ALU	99440358.2	EP1018824	FR	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
120270	ALU	09/478196	US6215356	US	ADSL LINE DRIVER.	05.01.2000
120272	ALU	09/466789	US6204730	US	ADSL LINE DRIVER CIRCUIT.	20.12.1999
131099	ALU	09/588945	US6944157	US	OPTIMIZATION TIME MANAGEMENT OF INFORMATION DISTRIBUTED ON K BYTES IN A SDH FRAME	07.06.2000
111343	ALU	99440159.4	EP1063790	GB	Diversity Transmission in a Mobile Radio System	24.06.1999
111343	ALU	99440159.4	EP1063790	FR	Diversity Transmission in a Mobile Radio System	24.06.1999
111343	ALU	99440159.4	EP1063790	DE	Diversity Transmission in a Mobile Radio System	24.06.1999
120246	ALU	09/408264	US6850539	US	ADSL TRANSITION TO FULL POWER STATE WITH INTERRUPTED DMT SYMBOL.	29.09.1999
120246	ALU	131970	IL131970	IL	ADSL TRANSITION TO FULL POWER STATE WITH INTERRUPTED DMT SYMBOL.	17.09.1999
111343	ALU	09/353354	US6636495	US	Diversity Transmission in a Mobile Radio System	15.07.1999
111526	ALU	99440209.7	EP1071306	GB	Improved uplink call admission control	23.07.1999
111526	ALU	99440209.7	EP1071306	ES	Improved uplink call admission control	23.07.1999
111526	ALU	99440209.7	EP1071306	IT	Improved uplink call admission control	23.07.1999
111526	ALU	99440209.7	EP1071306	FR	Improved uplink call admission control	23.07.1999
111526	ALU	99440209.7	EP1071306	DE	Improved uplink call admission control	23.07.1999
120219	ALU	09/393303	US6553066	US	VDSL INTERPOLLATION SYNCHRONISATION.	10.09.1999
120246	ALU	99120567.7	ZL99120567.7	CN	ADSL TRANSITION TO FULL POWER STATE WITH INTERRUPTED DMT SYMBOL.	29.09.1999
111526	ALU	09/377408	US6643521	US	Improved uplink call admission control	20.08.1999
120292	ALU	09/707975	US7003089	US	SMART XDSL/POTS SPLITTER.	08.11.2000
120292	ALU	00128549.1	ZL00128549.1	CN	SMART XDSL/POTS SPLITTER.	17.11.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120438	ALU	99403045.0	EP1107550	GB	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	2000357074	JP5285827	JP	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	24.11.2000
120438	ALU	99403045.0	EP1107550	IT	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	99403045.0	EP1107550	FR	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	99403045.0	EP1107550	DE	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	00134832.9	ZL00134832.9	CN	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.2000
131121	ALU	TO99A001185	IT1311463	IT	Clock recovery method and apparatus	31.12.1999
131121	ALU	09/736294	US6934347	US	Clock recovery method and apparatus	15.12.2000
111032	ALU	09/830772	US6992971	US	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
111032	ALU	99964519.5	EP1142437	GB	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
111032	ALU	2000584717	JP4485689	JP	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
111032	ALU	99964519.5	EP1142437	FR	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
111032	ALU	99813745.6	ZL99813745.6	CN	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
111032	ALU	2349929	CA2349929	CA	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
111032	ALU	99964519.5	EP1142437	BE	ATM CELLS TRANSMISSION WITH CDMA	24.11.1999
131116	ALU	MI2000A000139	IT1316315	IT	Method to calculate the current route of paths on MS SP rings	01.02.2000
131116	ALU	09/771436	US7023796	US	Method to calculate the current route of paths on MS SP rings	30.01.2001
120460	ALU	00400231.7	EP1120943	GB	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	28.01.2000
120460	ALU	00400231.7	EP1120943	ES	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	28.01.2000
120460	ALU	00400231.7	EP1120943	IT	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	28.01.2000
120460	ALU	00400231.7	EP1120943	DE	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	28.01.2000
120460	ALU	00400231.7	EP1120943	FR	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	28.01.2000
120256	ALU	09/767831	US6968000	US	PHASE EQUALISTION.	24.01.2001
120256	ALU	20014845	KR676362	KR	PHASE EQUALISTION.	01.02.2001
120016	ALU	09/471757	US6327273	US	ATM TIME REFERENCE TRANSPORT OVER ADSL.	23.12.1999
120178	ALU	09/799129	US6952441	US	CHANNEL ESTIMATION.	06.03.2001
120178	ALU	00400620.1	EP1134945	GB	CHANNEL ESTIMATION.	07.03.2000
120178	ALU	00400620.1	EP1134945	DE	CHANNEL ESTIMATION.	07.03.2000
120178	ALU	00400620.1	EP1134945	FR	CHANNEL ESTIMATION.	07.03.2000
111716	ALU	01440040.2	EP1143762	GB	ADSL-ISDN/POTS separator	22.02.2001
111716	ALU	01440040.2	EP1143762	IT	ADSL-ISDN/POTS separator	22.02.2001
111716	ALU	01440040.2	EP1143762	DE	ADSL-ISDN/POTS separator	22.02.2001
111716	ALU	01440040.2	EP1143762	FR	ADSL-ISDN/POTS separator	22.02.2001
111716	ALU	200101448-9	SG101961	SG	ADSL-ISDN/POTS separator	08.03.2001
111343	ALU	00118377.X	ZL00118377.X	CN	Diversity Transmission in a Mobile Radio System	15.06.2000
111580	ALU	00440139.4	EP1156653	GB	Caller dependent voice message	15.05.2000
111580	ALU	00440139.4	EP1156653	DE	Caller dependent voice message	15.05.2000
111580	ALU	00440139.4	EP1156653	FR	Caller dependent voice message	15.05.2000
131142	ALU	MI2000A001163	IT1319278	IT	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	26.05.2000
131142	ALU	863468	US7035203	US	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	24.05.2001
111766	ALU	01440118.6	EP1154657	GB	Service Number Portability	23.04.2001
131142	ALU	2001147588	JP4420583	JP	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	17.05.2001
111766	ALU	01440118.6	EP1154657	ES	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	NL	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	IT	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	DE	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	FR	Service Number Portability	23.04.2001
111766	ALU	09/852703	US6744871	US	Service Number Portability	11.05.2001
111684	ALU	00440160.0	EP1158710	GB	STM-N Signals over Virtual concatenated SDH/SONET Containers	26.05.2000
111684	ALU	00440160.0	EP1158710	IT	STM-N Signals over Virtual concatenated SDH/SONET Containers	26.05.2000
111684	ALU	00440160.0	EP1158710	DE	STM-N Signals over Virtual concatenated SDH/SONET Containers	26.05.2000
111684	ALU	00440160.0	EP1158710	FR	STM-N Signals over Virtual concatenated SDH/SONET Containers	26.05.2000
120454	ALU	90114750	TW173411	TW	Use of ATM header fields for process addressing and in-band control	18.06.2001
120454	ALU	200137194	KR100772808	KR	Use of ATM header fields for process addressing and in-band control	27.06.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
131120	ALU	09/881722	US7162157	US	Transceiver telescope for through-air communication bidirectional link	18.06.2001
131120	ALU	184417/2001	JP4550321	JP	Transceiver telescope for through-air communication bidirectional link	19.06.2001
120377	ALU	09/615759	US6823390	US	PROTOCOL PROFILING AND NEGOTIATION	13.07.2000
120377	ALU	200112724	JP4703859	JP	PROTOCOL PROFILING AND NEGOTIATION	22.01.2001
131134	ALU	09/911625	US7103278	US	Lambda concatenation in WDM networks	25.07.2001
134896	ALU	09/592442	US7032022	US	Network Policy Logs and Statistics Aggregation	12.06.2000
111762	ALU	01440271.3	EP1191768	GB	Mobile Terminal Display Control (MPD)	20.08.2001
111762	ALU	01440271.3	EP1191768	IT	Mobile Terminal Display Control (MPD)	20.08.2001
111762	ALU	01440271.3	EP1191768	DE	Mobile Terminal Display Control (MPD)	20.08.2001
111762	ALU	01440271.3	EP1191768	FR	Mobile Terminal Display Control (MPD)	20.08.2001
102475	ALU	00440275.6	EP1198081	GB	Overhead modulation by a Semiconductor Optical Amplifier	13.10.2000
102475	ALU	00440275.6	EP1198081	DE	Overhead modulation by a Semiconductor Optical Amplifier	13.10.2000
102475	ALU	00440275.6	EP1198081	FR	Overhead modulation by a Semiconductor Optical Amplifier	13.10.2000
111957	ALU	10/021354	US6584243	US	WDM Add/Drop multiplexer	19.12.2001
111957	ALU	01130530.7	EP1220564	GB	WDM Add/Drop multiplexer	21.12.2001
111957	ALU	01130530.7	EP1220564	IT	WDM Add/Drop multiplexer	21.12.2001
111957	ALU	01130530.7	EP1220564	DE	WDM Add/Drop multiplexer	21.12.2001
111957	ALU	01130530.7	EP1220564	FR	WDM Add/Drop multiplexer	21.12.2001
125351	ALU	09/816382	US6426685	US	Leaky cable	26.03.2001
125351	ALU	01111799.0	ZL1229895	CN	Leaky cable	28.03.2001
137137	ALU	09/261197	US7065052	US	Cell Stream Replicating Device	03.03.1999
125351	ALU	01440058.4	EP1139491	GB	Leaky cable	08.03.2001
125351	ALU	01440058.4	EP1139491	ES	Leaky cable	08.03.2001
125351	ALU	01440058.4	EP1139491	IT	Leaky cable	08.03.2001
125351	ALU	01440058.4	EP1139491	DE	Leaky cable	08.03.2001
125351	ALU	01440058.4	EP1139491	FR	Leaky cable	08.03.2001
137196	ALU	09/274720	US6600744	US	Packet classification engine	23.03.1999
137216	ALU	09/472740		US	IP Based Video Service DMDS	23.12.1999
137229	ALU	09/500582	US6724881	US	PNNI admin weight	09.02.2000
137200	ALU	09/663793	US6876625	US	Hot redundancy in Link/Topology State Routing Protocols	18.09.2000
131168	ALU	10/090749	US7035362	US	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	06.03.2002
131168	ALU	02290390.0	EP1244245	GB	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	19.02.2002
131168	ALU	02290390.0	EP1244245	DE	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	19.02.2002
131168	ALU	02290390.0	EP1244245	FR	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	19.02.2002
131164	ALU	10/107045	US7386007	US	METHOD FOR MAPPING DIFFERENT DATA INTERFACED (ETHERNET,FAST-ETHERNET AND NxE1 OR NxDS1) IN A SINGLE VC-4 OF A SYNCHRONOUS STM-1 PAYLOAD TRANSMITTED IN A RADIO-RELAY SYSTEM.	28.03.2002
103320	ALU	01440074.1	EP1241808	GB	WDM RAMAN PUMPING SCHEME	16.03.2001
103320	ALU	01440074.1	EP1241808	IT	WDM RAMAN PUMPING SCHEME	16.03.2001
103320	ALU	01440074.1	EP1241808	DE	WDM RAMAN PUMPING SCHEME	16.03.2001
103320	ALU	01440074.1	EP1241808	FR	WDM RAMAN PUMPING SCHEME	16.03.2001
111727	ALU	09/832827	US6928204	US	Printed Optical Circuit Boards	28.05.2004
111684	ALU	09/863321	US7586921	US	STM-N Signals over Virtual concatenated SDH/SONET Containers	24.05.2001
111916	ALU	10/090750	US6703977	US	Rake Finger Pooling	06.03.2002
111916	ALU	02003247.0	EP1246371	GB	Rake Finger Pooling	21.02.2002
111916	ALU	200290300	JP4156854	JP	Rake Finger Pooling	28.03.2002
111916	ALU	02003247.0	EP1246371	DE	Rake Finger Pooling	21.02.2002
111916	ALU	02003247.0	EP1246371	FR	Rake Finger Pooling	21.02.2002
120604	ALU	01440156.6	EP1265414	GB	Service Deployment Templates	06.06.2001
120604	ALU	01440156.6	EP1265414	IT	Service Deployment Templates	06.06.2001
120604	ALU	01440156.6	EP1265414	DE	Service Deployment Templates	06.06.2001
120604	ALU	01440156.6	EP1265414	FR	Service Deployment Templates	06.06.2001
120604	ALU	10/128462	US7117195	US	Service Deployment Templates	24.04.2002
131173	ALU	10/198347	US6697189	US	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	19.07.2002
131173	ALU	02126379.5	ZL02126379.5	CN	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	19.07.2002
113166	ALU	01440232.5	EP1280373	GB	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	01440232.5	EP1280373	IT	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	01440232.5	EP1280373	DE	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	01440232.5	EP1280373	FR	Synchroner Crossconnect für OTN-Signale	23.07.2001
127084	ALU	01440043.6	EP1139485	GB	TEMPERATURE COMPENSATION ARRANGEMENT FOR MICROWAVE FILTER	23.02.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
127084	ALU	01440043.6	EP1139485	DE	TEMPERATURE COMPENSATION ARRANGEMENT FOR MICROWAVE FILTER	23.02.2001
127084	ALU	01440043.6	EP1139485	FR	TEMPERATURE COMPENSATION ARRANGEMENT FOR MICROWAVE FILTER	23.02.2001
127084	ALU	09/816466	US6420947	US	TEMPERATURE COMPENSATION ARRANGEMENT FOR MICROWAVE FILTER	26.03.2001
113166	ALU	10/198983	US8005359	US	Synchroner Crossconnect für OTN-Signale	22.07.2002
113166	ALU	02126828.2	ZL02126828.2	CN	Synchroner Crossconnect für OTN-Signale	22.07.2002
111772	ALU	09/911519	US7028093	US	Pilot Codes for S-CDMA Up-Stream Transmission Controlling	25.07.2001
127125	ALU	10/201217	US6741443	US	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	24.07.2002
127125	ALU	01440260.6	EP1331657	GB	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	07.08.2001
127125	ALU	01440260.6	EP1331657	ES	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	07.08.2001
127125	ALU	01440260.6	EP1331657	IT	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	07.08.2001
127125	ALU	01440260.6	EP1331657	DE	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	07.08.2001
127125	ALU	01440260.6	EP1331657	FR	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	07.08.2001
127125	ALU	2002300371	AU2002300371	AU	Method of Providing Reliable Switching for DSL Relay Array/LICENSING NEGOTIATIONS	02.08.2002
102475	ALU	09/974854	US6522449	US	Overhead modulation by a Semiconductor Optical Amplifier	12.10.2001
113041	ALU	01440280.4	EP1286499	GB	Discrimination (AFDs/EFDs) Konfiguration	21.08.2001
113041	ALU	01440280.4	EP1286499	IT	Discrimination (AFDs/EFDs) Konfiguration	21.08.2001
113041	ALU	01440280.4	EP1286499	DE	Discrimination (AFDs/EFDs) Konfiguration	21.08.2001
113041	ALU	01440280.4	EP1286499	FR	Discrimination (AFDs/EFDs) Konfiguration	21.08.2001
111911	ALU	09/981784	US7505787	US	Hardware for CDMA reception	19.10.2001
113331	ALU	01440276.2		EP	Address Decoder	21.08.2001
120560	ALU	10/247478	US7126997	US	SLIDING WINDOWED FFT	20.09.2002
120560	ALU	01440309.1	EP1296492	GB	SLIDING WINDOWED FFT	21.09.2001
120560	ALU	01440309.1	EP1296492	DE	SLIDING WINDOWED FFT	21.09.2001
120560	ALU	01440309.1	EP1296492	FR	SLIDING WINDOWED FFT	21.09.2001
113332	ALU	10/223242	US6895462	US	Register Bank	20.08.2002
127109	ALU	10/003071	US6816668	US	Phase shifter	06.12.2001
127109	ALU	01403159.5	EP1215752	GB	Phase shifter	07.12.2001
127109	ALU	01403159.5	EP1215752	DE	Phase shifter	07.12.2001
120559	ALU	02360001.8	EP1328099	GB	OPTIMISED BIT ALLOCATION FOR VDSL	07.01.2002
120559	ALU	02360001.8	EP1328099	ES	OPTIMISED BIT ALLOCATION FOR VDSL	07.01.2002
120559	ALU	02360001.8	EP1328099	IT	OPTIMISED BIT ALLOCATION FOR VDSL	07.01.2002
120559	ALU	02360001.8	EP1328099	DE	OPTIMISED BIT ALLOCATION FOR VDSL	07.01.2002
120559	ALU	02360001.8	EP1328099	FR	OPTIMISED BIT ALLOCATION FOR VDSL	07.01.2002
103320	ALU	10/084884	US7197247	US	WDM RAMAN PUMPING SCHEME	01.03.2002
113268	ALU	10/373027	US7924740	US	Network Service	26.02.2003
113268	ALU	02360082.8	EP1343272	GB	Network Service	08.03.2002
113268	ALU	02360082.8	EP1343272	IT	Network Service	08.03.2002
113268	ALU	02360082.8	EP1343272	DE	Network Service	08.03.2002
113268	ALU	02360082.8	EP1343272	FR	Network Service	08.03.2002
113268	ALU	03120218.7	ZL03120218.7	CN	Network Service	07.03.2003
134087	ALU	10/074340	US7002912	US	Architecture for Transporting PBX Digital Telephone Messages via SIP	12.02.2002
134894	ALU	00801378.0	ZL00801378.0	CN	Policy Network Devices and Methods	12.06.2000
134894	ALU	00939849.6	EP1145519	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110183.9	EP1143661	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	FR	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	DE	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	IT	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110185.4	EP1143663	FR	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110185.4	EP1143663	DE	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110185.4	EP1143663	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110188.8	EP1143665	FR	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110188.8	EP1143665	DE	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110188.8	EP1143665	GB	Policy Network Devices and Methods	12.06.2000
112046	ALU	10/404143	US7035392	US	TOPOLOGY SERVER	02.04.2003
113367	ALU	10/401537	US6801684	US	Control scheme for optical switch matrix based on tilt mirrors	31.03.2003

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
113367	ALU	02360121.4	EP1357408	GB	Control scheme for optical switch matrix based on tilt mirrors	15.04.2002
113367	ALU	02360121.4	EP1357408	DE	Control scheme for optical switch matrix based on tilt mirrors	15.04.2002
113367	ALU	02360121.4	EP1357408	FR	Control scheme for optical switch matrix based on tilt mirrors	15.04.2002
113240	ALU	02360126.3	EP1355452	GB	Method to efficiently poll mobile terminals for resources in a TDMA/TDD environment	19.04.2002
113240	ALU	02360126.3	EP1355452	IT	Method to efficiently poll mobile terminals for resources in a TDMA/TDD environment	19.04.2002
113240	ALU	02360126.3	EP1355452	DE	Method to efficiently poll mobile terminals for resources in a TDMA/TDD environment	19.04.2002
113240	ALU	02360126.3	EP1355452	FR	Method to efficiently poll mobile terminals for resources in a TDMA/TDD environment	19.04.2002
131204	ALU	03122059.2	ZL03122059.2	CN	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	24.04.2003
113276	ALU	10/423622	US7590125	US	Simplified control of SDH and OTH signals	28.04.2003
113276	ALU	02360141.2	EP1379092	GB	Simplified control of SDH and OTH signals	02.05.2002
113276	ALU	02360141.2	EP1379092	DE	Simplified control of SDH and OTH signals	02.05.2002
113276	ALU	02360141.2	EP1379092	FR	Simplified control of SDH and OTH signals	02.05.2002
134092	ALU	10/177043	US7765313	US	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	21.06.2002
134093	ALU	10/264061	US6754314	US	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	02.10.2002
113150	ALU	10/194049	US7031616	US	Procedure for Q-factor measurement on optical burst signals	15.07.2002
113331	ALU	10/223322	US6963945	US	Address Decoder	20.08.2002
113331	ALU	02127760.5	ZL02127760.5	CN	Address Decoder	08.08.2002
113358	ALU	10/453647	US7492774	US	Common handling of DCC and GCC routing for SDH and OTH Signals	04.06.2003
113422	ALU	02360229.5	EP1387525	EP	OMC Macro EDITOR	02.08.2002
113422	ALU	03178420.8	ZL1218533	CN	OMC Macro EDITOR	16.07.2003
113409	ALU	10/624510	US6996135	US	Raman laser with improved efficiency	23.07.2003
113409	ALU	03133114.9	ZL03133114.9	CN	Raman laser with improved efficiency	23.07.2003
111820	ALU	10/237803	US7089469	US	Temporary implementation of test support tools on a UUT	10.09.2002
113443	ALU	10/626849	US7302194	US	Stabilization scheme for vestigial side-band optical filter	25.07.2003
113388	ALU	10/603614	US7433671	US	Shared Protection Restoration Combined (SPRC)	26.06.2003
113388	ALU	03178798.3	ZL03178798.3	CN	Shared Protection Restoration Combined (SPRC)	22.07.2003
100734	ALU	09/099949	US6122044	US	REFLECTOMETRY WITH PULSE AND CHANGE SIGNALS OF SAME WAVELENGTH	19.06.1998
100025	ALU	08/962615	US6341069	US	RADIO MODEM WITH SIM CARD	03.11.1997
100551	ALU	08/998807	US5977833	US	POWER AMPLIFIER CONTROL	29.12.1997
100551	ALU	97403132.0	EP0851577	GB	POWER AMPLIFIER CONTROL	23.12.1997
100551	ALU	97403132.0	EP0851577	DE	POWER AMPLIFIER CONTROL	23.12.1997
100551	ALU	97403132.0	EP0851577	FR	POWER AMPLIFIER CONTROL	23.12.1997
100551	ALU	97123465.5	ZL97123465.5	CN	POWER AMPLIFIER CONTROL	29.12.1997
100970	ALU	9800768	FR2774245	FR	DELECTION IN A LINE GROUP (1)	26.01.1998
100970	ALU	09/236115	US6311073	US	DELECTION IN A LINE GROUP (1)	25.01.1999
100970	ALU	99400160.0	EP0932315	GB	DELECTION IN A LINE GROUP (1)	25.01.1999
100970	ALU	99400160.0	EP0932315	DE	DELECTION IN A LINE GROUP (1)	25.01.1999
100965	ALU	09/057543	US6131029	US	HANDOVER WITH PREEMPTION	09.04.1998
100965	ALU	98106486.8	ZL98106486.8	CN	HANDOVER WITH PREEMPTION	10.04.1998
100405	ALU	09/194012	US6459688	US	BIMODE TERMINAL	20.03.1998
100405	ALU	98917189.7	EP0925701	GB	BIMODE TERMINAL	20.03.1998
100405	ALU	98917189.7	EP0925701	ES	BIMODE TERMINAL	20.03.1998
100405	ALU	98917189.7	EP0925701	IT	BIMODE TERMINAL	20.03.1998
100405	ALU	98917189.7	EP0925701	DE	BIMODE TERMINAL	20.03.1998
100405	ALU	98917189.7	EP0925701	FR	BIMODE TERMINAL	20.03.1998
100405	ALU	98800330.9	ZL98800330.9	CN	BIMODE TERMINAL	20.03.1998
101006	ALU	9805611	FR2778303	FR	INDOOR USE OF GSM	04.05.1998
101913	ALU	09/377747	US6498665	US	OPTIMISED OPTICAL WAVELENGTH ADD DROP MULTIPLEXEUR	20.08.1999
101913	ALU	235355/99	JP4271789	JP	OPTIMISED OPTICAL WAVELENGTH ADD DROP MULTIPLEXEUR	23.08.1999
129039	ALU	99400279.8	EP0939564	GB	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	ES	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	IT	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	DE	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	FR	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
132115	ALU	09/156794	US6411407	US	BI-DIRECTIONAL OPTICAL SUPERVISORY CHANNEL	17.09.1998
111071	ALU	09/417081	US6556558	US	CDMA WITH IMPROVED CAPACITY	13.10.1999
101986	ALU	9813374	FR2785118	FR	CANAL MODULE D'ACQUISITION ET DE POURSUITE	26.10.1998
101757	ALU	09/442818	US6344923	US	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	23.11.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
101757	ALU	99402843.9	EP1005183	GB	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	17.11.1999
101757	ALU	99402843.9	EP1005183	DE	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	17.11.1999
101757	ALU	99402843.9	EP1005183	FR	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	17.11.1999
102033	ALU	09/287289	US6560194	US	VARIABLE LENGTH CODE ALLOCATION	07.04.1999
102033	ALU	99400945.4	EP0994593	GB	VARIABLE LENGTH CODE ALLOCATION	19.04.1999
102033	ALU	99400945.4	EP0994593	DE	VARIABLE LENGTH CODE ALLOCATION	19.04.1999
102033	ALU	99400945.4	EP0994593	FR	VARIABLE LENGTH CODE ALLOCATION	19.04.1999
101006	ALU	09/303569	US6161014	US	INDOOR USE OF GSM	03.05.1999
101006	ALU	99401070.0	EP0955784	GB	INDOOR USE OF GSM	03.05.1999
101006	ALU	99401070.0	EP0955784	DE	INDOOR USE OF GSM	03.05.1999
102191	ALU	09/588352	US6741872	US	Mobile Phone without SIM CARD.	07.06.2000
102191	ALU	2000168496	JP2000-168496	JP	Mobile Phone without SIM CARD.	06.06.2000
101996	ALU	10/009573	US7313362	US	HIGH ALTITUDE VEHICLE	19.06.2000
102331	ALU	09/594079	US6629180	US	Real time DSP processing with cache and interrupts.	15.06.2000
102348	ALU	09/594774	US6366729	US	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	16.06.2000
102348	ALU	00401696.0	EP1067640	GB	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
102348	ALU	00401696.0	EP1067640	IT	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
102348	ALU	00401696.0	EP1067640	FR	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
102348	ALU	00401696.0	EP1067640	DE	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
132278	ALU	09/343517	US7042872	US	TECHNIQUE TO MANAGE REMOTE IP NEs THROUGH THE SONET DCC	30.06.1999
102077	ALU	09/624994	US6490383	US	Space and spectrum selector.	25.07.2000
132349	ALU	09/393636	US6661789	US	DYNAMIC BURSTIFICATION BASED ON FULLY/PARTIALLY SHARED MULTICAST ENTITIES	10.09.1999
102365	ALU	09/506959	US6748236	US	DECT/GSM emulator.	18.02.2000
102365	ALU	00102395.0	ZL00102395.0	CN	DECT/GSM emulator.	22.02.2000
135544	ALU	09/393752	US7167443	US	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	10.09.1999
101986	ALU	88118410	TW131882	TW	CANAL MODULE D'ACQUISITION ET DE POURSUITE	25.10.1999
101986	ALU	09/581043	US6813307	US	CANAL MODULE D'ACQUISITION ET DE POURSUITE	25.10.1999
102393	ALU	9912350	FR2799325	FR	High efficiency audio reception path.	04.10.1999
135008	ALU	09/228451	US6438188	US	METHOD AND APPARATUS FOR A DIGITALLY CONTROLLED CONSTANT CURRENT SOURCE FOR PHASE ADJUSTMENT OF A SYNTHESIZED CLOCK	11.01.1999
135009	ALU	09/228472	US6301656	US	METHOD FOR INITIAL PROGRAMMING OF FLASH BASED FIRMWARE	11.01.1999
132277	ALU	09/399711	US6194939	US	TIME-WALKING PREVENTION IN A DIGITAL SWITCHING IMPLEMENTATION FOR CLOCK SELECTION	21.09.1999
102612	ALU	89122907	TW157856	TW	Asiatic character presence indicator in a displayable WML-Card.	31.10.2000
102612	ALU	200006283-6	SG131734	SG	Asiatic character presence indicator in a displayable WML-Card.	01.11.2000
102612	ALU	00133817.X	ZL00133817.X	CN	Asiatic character presence indicator in a displayable WML-Card.	03.11.2000
102509	ALU	9914975	FR2801682	FR	Jammer localisation from LEO and GEO.	29.11.1999
102509	ALU	09/722300	US6417799	US	Jammer localisation from LEO and GEO.	28.11.2000
135568	ALU	09/439940	US6456708	US	METHOD AND PROCEDURE OR NUMBER PORTABILITY QUERYLESS DATABASE ACCESS, UPDATE, AND DOWNSTREAME, ETC.	12.11.1999
135559	ALU	09/454838	US6353663	US	COLLECT CALLING BY CALLING ID	06.12.1999
102937	ALU	09/739325	US6947412	US	VOIP jitter buffer turning with VAD deactivation	19.12.2000
135594	ALU	09/473754	US6389200	US	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	28.12.1999
102552	ALU	09/754212	US7164909	US	Mixte terminal.	05.01.2001
102552	ALU	2001000860	JP4657459	JP	Mixte terminal.	05.01.2001
102708	ALU	09/755130	US6775481	US	3R regenerator based on an all-optical XOR gate.	08.01.2001
102802	ALU	09/757567	US6766116	US	Improved transission spectral efficiency of optical DWDM channels.	11.01.2001
135614	ALU	09/668897	US6909692	US	SELF-ADJUSTABLE DESIGN FOR HANDLING EVENT FLOWS	22.09.2000
135586	ALU	09/465352	US6683887	US	LITESPAN ADSL: ADSL DOWNSTREAM HIGH SPEED CELL BUS INTERFACE PROTOCOL	16.12.1999
102726	ALU	0001421	FR2804825	FR	Corporate radio link.	04.02.2000
102726	ALU	09/773729	US7218913	US	Corporate radio link.	02.02.2001
102191	ALU	00118147.5	ZL00118147.5	CN	Mobile Phone without SIM CARD.	09.06.2000
135360	ALU	08/994369	US6128321	US	SYSTEM AND METHOD FOR CENTRALLY-MANAGING SWITCHING FUNCTION	19.12.1997

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
135360	ALU	98964816.7	EP1048137	GB	SYSTEM AND METHOD FOR CENTRALLY-MANAGING SWITCHING FUNCTION	18.12.1998
135360	ALU	98964816.7	EP1048137	DE	SYSTEM AND METHOD FOR CENTRALLY-MANAGING SWITCHING FUNCTION	18.12.1998
135360	ALU	98964816.7	EP1048137	FR	SYSTEM AND METHOD FOR CENTRALLY-MANAGING SWITCHING FUNCTION	18.12.1998
135195	ALU	08/947186	US6055430	US	CALL INSTANCE REPRESENTATION OF A CALL FOR CALL MANAGEMENT IN A WIRELESS TELECOMMUNICATIONS SYSTEM	08.10.1997
101996	ALU	00401738.0	EP1063165	GB	HIGH ALTITUDE VEHICLE	19.06.2000
101996	ALU	00401738.0	EP1063165	ES	HIGH ALTITUDE VEHICLE	19.06.2000
101996	ALU	00401738.0	EP1063165	NL	HIGH ALTITUDE VEHICLE	19.06.2000
101996	ALU	00401738.0	EP1063165	IT	HIGH ALTITUDE VEHICLE	19.06.2000
101996	ALU	00401738.0	EP1063165	DE	HIGH ALTITUDE VEHICLE	19.06.2000
101996	ALU	00401738.0	EP1063165	FR	HIGH ALTITUDE VEHICLE	19.06.2000
135356	ALU	09/001316	US6067288	US	PERFORMANCE MONITORING DELAY MODULES	31.12.1997
132277	ALU	99120997.4	EP1087563	IT	TIME-WALKING PREVENTION IN A DIGITAL SWITCHING IMPLEMENTATION FOR CLOCK SELECTION	04.11.1999
132277	ALU	99120997.4	EP1087563	DE	TIME-WALKING PREVENTION IN A DIGITAL SWITCHING IMPLEMENTATION FOR CLOCK SELECTION	04.11.1999
132277	ALU	99120997.4	EP1087563	FR	TIME-WALKING PREVENTION IN A DIGITAL SWITCHING IMPLEMENTATION FOR CLOCK SELECTION	04.11.1999
135432	ALU	09/016047	US6118772	US	WIRELINE TELEPHONY OF A CELLULAR SWITCH	30.01.1998
135436	ALU	09/052761	US6426958	US	SYSTEM AND METHOD FOR PERFORMANCE MONITORING TELECOMMUNICAITON SIGNALS HAVING VARIOUS FORMATS	31.03.1998
135048	ALU	09/201676	US6452944	US	ADSL AND NON-ADSL TRAFFIC DISCRIMINATOR	30.11.1998
102456	ALU	09/868067	US6545640	US	Miniature T-patch antenna.	08.06.2000
102456	ALU	2001537129	JP4549600	JP	Miniature T-patch antenna.	08.06.2000
102456	ALU	00802572.X	ZL00502572.X	CN	Miniature T-patch antenna.	08.06.2000
103207	ALU	2001169697	JP4878700	JP	Internet access control.	05.06.2001
103207	ALU	01120873.2	ZL01120873.2	CN	Internet access control.	08.06.2001
135261	ALU	08/967975	US6026290	US	CALL LOGGING IN A WIRELESS TELECOMMUNICATIONS SYSTEM	12.11.1997
132350	ALU	09/519066	US6763192	US	INTEGRATION OF ALL-OPTICAL CROSSCONNECT FUNCTIONALITY IN TIPOR OR INTO ANY FIXED LENGTH OR VARIABLE LENGTH SYNCHRONOUS OR ASYNCHRONOUS OPTICAL PACKET SWITCHING APPARATUS	03.03.2000
132476	ALU	09/602712	US6804221	US	MICROMOBILITY USING MULTICAST	26.06.2000
132353	ALU	09/497254	US6671256	US	DATA CHANNEL RESERVATION IN OPTICAL BURST-SWITCHED NETWORKS	03.02.2000
102319	ALU	09/786553	US7042966	US	SNR estimation in a telecommunication receiver and use for controlling an emitter	06.07.2000
102319	ALU	2001509188	JP4319368	JP	SNR estimation in a telecommunication receiver and use for controlling an emitter	06.07.2000
102319	ALU	2342725	CA2342725	CA	SNR estimation in a telecommunication receiver and use for controlling an emitter	06.07.2000
135702	ALU	09/618080	US6747862	US	A METHOD OF ACHIEVING HIGH VOLTAGE WITHSTAND BETWEEN PINS OF A HIGH DENSITY COMPLIANT PIN CONNECTOR	17.07.2000
135702	ALU	01123136.X	ZL194338	CN	A METHOD OF ACHIEVING HIGH VOLTAGE WITHSTAND BETWEEN PINS OF A HIGH DENSITY COMPLIANT PIN CONNECTOR	17.07.2001
132278	ALU	2000165588	JP4666718	JP	TECHNIQUE TO MANAGE REMOTE IP NEs THROUGH THE SONET DCC	02.06.2000
102690	ALU	09/951719	US6657773	US	Wavelength selector and convertor.	14.09.2001
102224	ALU	09/856362	US7801444	US	Wide band optical amplification	22.09.2000
102224	ALU	00966197.6	EP1133842	GB	Wide band optical amplification	22.09.2000
102224	ALU	00966197.6	EP1133842	DE	Wide band optical amplification	22.09.2000
102224	ALU	00966197.6	EP1133842	FR	Wide band optical amplification	22.09.2000
135432	ALU	99904462.1	EP1051868	GB	WIRELINE TELEPHONY OF A CELLULAR SWITCH	29.01.1999
135432	ALU	99904462.1	EP1051868	ES	WIRELINE TELEPHONY OF A CELLULAR SWITCH	29.01.1999
135432	ALU	99904462.1	EP1051868	IT	WIRELINE TELEPHONY OF A CELLULAR SWITCH	29.01.1999
135432	ALU	99904462.1	EP1051868	DE	WIRELINE TELEPHONY OF A CELLULAR SWITCH	29.01.1999
102393	ALU	09/857235	US6597241	US	High efficiency audio reception path.	04.10.2000
102393	ALU	2001528424	JP4152105	JP	High efficiency audio reception path.	04.10.2000
102393	ALU	00802162.7	ZL218419	CN	High efficiency audio reception path.	04.10.2000
132349	ALU	00119372.1	EP1083708	GB	DYNAMIC BURSTIFICATION BASED ON FULLY/PARTIALLY SHARED MULTICAST ENTITIES	11.09.2000
132349	ALU	00119372.1	EP1083708	DE	DYNAMIC BURSTIFICATION BASED ON FULLY/PARTIALLY SHARED MULTICAST ENTITIES	11.09.2000
132349	ALU	00119372.1	EP1083708	FR	DYNAMIC BURSTIFICATION BASED ON FULLY/PARTIALLY SHARED MULTICAST ENTITIES	11.09.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
132349	ALU	00134731.4	ZL00134731.4	CN	DYNAMIC BURSTIFICATION BASED ON FULLY/PARTIALLY SHARED MULTICAST ENTITIES	08.09.2000
135645	ALU	09/717731	US6745021	US	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	21.11.2000
129210	ALU	09/986555	US7836470	US	Common burst synchronization method	09.11.2001
129210	ALU	2001336079	JP4213380	JP	Common burst synchronization method	01.11.2001
135614	ALU	00127940.5	EP1111856	GB	SELF-ADJUSTABLE DESIGN FOR HANDLING EVENT FLOWS	21.12.2000
135614	ALU	00127940.5	EP1111856	IT	SELF-ADJUSTABLE DESIGN FOR HANDLING EVENT FLOWS	21.12.2000
135614	ALU	00127940.5	EP1111856	DE	SELF-ADJUSTABLE DESIGN FOR HANDLING EVENT FLOWS	21.12.2000
135614	ALU	00127940.5	EP1111856	FR	SELF-ADJUSTABLE DESIGN FOR HANDLING EVENT FLOWS	21.12.2000
135592	ALU	09/737361	US6868233	US	WAVELENGTH AGILE OPTICAL TRANSPONDER FOR WDM SYSTEM TESTING	14.12.2000
102686	ALU	09/914064	US6532104	US	C-band and L-band EDFA.	21.12.2000
135594	ALU	2000384730	JP4786029	JP	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	19.12.2000
135769	ALU	09/795373	US6963564	US	A SLOT-BASED OBS (OPTICAL BURST SWITCHING) ARCHITECTURE IMPLEMENTATION FOR OPTICAL IP SWITCH/ROUTER	26.02.2001
135594	ALU	00137001.4	ZL00137001.4	CN	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	27.12.2000
102902	ALU	10/035114	US6606062	US	Patch antenna with band matching by additional load radiotelephone terminals.	04.01.2002
102902	ALU	2001393380	JP4249411	JP	Patch antenna with band matching by additional load radiotelephone terminals.	26.12.2001
102902	ALU	02100921.X	ZL02100921.X	CN	Patch antenna with band matching by additional load radiotelephone terminals.	04.01.2002
103235	ALU	10/022896	US7154662	US	Wavelength tuneable pump laser for broadband gain controlled Raman amplifiers by selective reflector switching.	20.12.2001
120460	ALU	09/767850	US7388925	US	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	24.01.2001
120460	ALU	90100965	TW161615	TW	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	16.01.2001
120460	ALU	200100301-1	SG101950	SG	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	19.01.2001
120460	ALU	1020010004074	KR796909	KR	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	29.01.2001
120460	ALU	20018550	JP3357663	JP	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	17.01.2001
120460	ALU	140916	IL140916	IL	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	16.01.2001
120460	ALU	01111970.5	ZL01111970.5	CN	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	23.01.2001
120460	ALU	16371/01	AU766838	AU	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	19.01.2001
102819	ALU	200170431	JP4703871	JP	Resources allocation based on a weighted fair queuing in a radiocommunications system.	13.03.2001
103728	ALU	10/046899	US6813493	US	SIGNALLING LINK FOR AERONAUTICAL GSM	17.01.2002
137333	ALU	09/573218	US7412018	US	Rapid acquisition synchronization sequences for direct sequence spread spectrum systems using code time offsets	19.05.2000
137337	ALU	09/493733	US6421397	US	Modulation system having on-lin IQ calibration	28.01.2000
137337	ALU	09/573607	US6421398	US	Modulation system having on-lin IQ calibration	18.05.2000
137353	ALU	09/694728	US7068758	US	Metallic Test Access	23.10.2000
120492	ALU	10/084055	US6917795	US	IMPROVEMENT TO VDSL HAM CANCELLER.	28.02.2002
120563	ALU	09/801696	US6839320	US	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	09.03.2001
135788	ALU	09/812080	US6409542	US	LOW PROFILE 50 POSITION OVERMOLD DO NOT DROP SEE LINK	19.03.2001
103526	ALU	10/087835	US6737937	US	TELECOM ANTENNA WITH FREQUENCY REJECTION	05.03.2002
132489	ALU	09/833085	US7315887	US	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	11.04.2001
120548	ALU	10/109880	US8407034	US	TDR BASED TRANSFER FUNCTION ESTIMATION OF LOCAL LOOP.	01.04.2002
135809	ALU	09/833119	US7096176	US	MARGIN ANALYSIS OF AN OPTICAL TRANSMISSION ROUTE	11.04.2001
102822	ALU	01401004.5	EP1152487	GB	Monolithic cross-polarized antenna	19.04.2001
102822	ALU	01401004.5	EP1152487	SE	Monolithic cross-polarized antenna	19.04.2001
102822	ALU	01401004.5	EP1152487	ES	Monolithic cross-polarized antenna	19.04.2001
102822	ALU	01401004.5	EP1152487	DE	Monolithic cross-polarized antenna	19.04.2001
102822	ALU	01401004.5	EP1152487	FR	Monolithic cross-polarized antenna	19.04.2001
135815	ALU	09/858099	US7161898	US	COMMON PROTECTION ARCHITECTURE ON SHARED PROTECTION RINGS	15.05.2001
135816	ALU	09/858098	US7158720	US	ENHANCING OPTICAL SHARED PROTECTION RING ARCHITECTURE BY USING HIGH DENSITY PROTECTION SPANS	15.05.2001
120576	ALU	10/137421	US6867647	US	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	03.05.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
137373	ALU	09/833531	US7054274	US	Collection reordering (polling improvement)	11.04.2001
135780	ALU	09/871042	US6628763	US	MULTIMEDIA CALL WAITING	31.05.2001
135785	ALU	09/871410	US6744868	US	CALL PARTY ID/PROFILE PRESENTATION	31.05.2001
135850	ALU	09/882918	US6547585	US	CABLE HOLDER AND REMOVAL HARNESS	15.06.2001
103745	ALU	10/142053	US7602842	US	INTERFACE BETWEEN MSC AND BSC	10.05.2002
120531	ALU	10/171971		US	AN E-COMMERCE QOS PROVIDER.	17.06.2002
120531	ALU	01401594.5	EP1271857	GB	AN E-COMMERCE QOS PROVIDER.	18.06.2001
120531	ALU	01401594.5	EP1271857	IT	AN E-COMMERCE QOS PROVIDER.	18.06.2001
120531	ALU	01401594.5	EP1271857	DE	AN E-COMMERCE QOS PROVIDER.	18.06.2001
120531	ALU	01401594.5	EP1271857	FR	AN E-COMMERCE QOS PROVIDER.	18.06.2001
102896	ALU	10/069781	US6718106	US	Manufacturing process for cladding pumped fiber	28.06.2001
103191	ALU	2002505421	JP4675546	JP	Dispersion compensating fiber	28.06.2001
135821	ALU	20025533	JP4318883	JP	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	15.01.2002
135821	ALU	02102501.0	ZL02102501.0	CN	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	24.01.2002
137200	ALU	01402377.4	EP1189384	GB	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	2001270169	JP4755786	JP	Hot redundancy in Link/Topology State Routing Protocols	06.09.2001
137200	ALU	01402377.4	EP1189384	IT	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	01402377.4	EP1189384	DE	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	01402377.4	EP1189384	FR	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	01133057.0	ZL01133057.0	CN	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
135740	ALU	09/903268	US7158478	US	SIGNALING IN A SHARED PROTECTION RING ARCHITECTURE	11.07.2001
103924	ALU	10/197402	US7710955	US	MULTI-PLATFORM ACTIVE CODE REPOSITORY	18.07.2002
135592	ALU	01145772.4	ZL01145772.4	CN	WAVELENGTH AGILE OPTICAL TRANSPONDER FOR WDM SYSTEM TESTING	14.12.2001
132110	ALU	09/924074	US7042900	US	ASAM Architecture	07.08.2001
132350	ALU	01440053.5	EP1130942	GB	INTEGRATION OF ALL-OPTICAL CROSSCONNECT FUNCTIONALITY IN TIPOR OR INTO ANY FIXED LENGTH OR VARIABLE LENGTH SYNCHRONOUS OR ASYNCHRONOUS OPTICAL PACKET SWITCHING APPARATUS	02.03.2001
132350	ALU	01440053.5	EP1130942	DE	INTEGRATION OF ALL-OPTICAL CROSSCONNECT FUNCTIONALITY IN TIPOR OR INTO ANY FIXED LENGTH OR VARIABLE LENGTH SYNCHRONOUS OR ASYNCHRONOUS OPTICAL PACKET SWITCHING APPARATUS	02.03.2001
132350	ALU	01440053.5	EP1130942	FR	INTEGRATION OF ALL-OPTICAL CROSSCONNECT FUNCTIONALITY IN TIPOR OR INTO ANY FIXED LENGTH OR VARIABLE LENGTH SYNCHRONOUS OR ASYNCHRONOUS OPTICAL PACKET SWITCHING APPARATUS	02.03.2001
103344	ALU	10/234125	US6813413	US	PROTECTED OPTICAL RING	05.09.2002
103866	ALU	0111851	FR2829657	FR	ADAPTIVE DIGITAL COMPRESSION	13.09.2001
120393	ALU	10/237897	US7881190	US	ARTIFICIAL PACKET LOSS MECHANISM IN DIFFSERV IP NETWORK NODES.	10.09.2002
120393	ALU	01402342.8	EP1294134	GB	ARTIFICIAL PACKET LOSS MECHANISM IN DIFFSERV IP NETWORK NODES.	12.09.2001
120393	ALU	01402342.8	EP1294134	DE	ARTIFICIAL PACKET LOSS MECHANISM IN DIFFSERV IP NETWORK NODES.	12.09.2001
120393	ALU	01402342.8	EP1294134	FR	ARTIFICIAL PACKET LOSS MECHANISM IN DIFFSERV IP NETWORK NODES.	12.09.2001
132110	ALU	09/942388	US7039065	US	ASAM Architecture	29.08.2001
103743	ALU	0112594	FR2830384	FR	CODE CONVOLUTIF CYCLIQUE	01.10.2001
103743	ALU	10/259567	US7080311	US	CODE CONVOLUTIF CYCLIQUE	30.09.2002
135821	ALU	09/962685	US7899066	US	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	25.09.2001
120669	ALU	01402558.9	EP1300964	GB	UPSTREAM POWER BACK OFF FOR VDSL.	03.10.2001
120669	ALU	01402558.9	EP1300964	DE	UPSTREAM POWER BACK OFF FOR VDSL.	03.10.2001
120669	ALU	01402558.9	EP1300964	FR	UPSTREAM POWER BACK OFF FOR VDSL.	03.10.2001
137250	ALU	09/974318	US6987753	US	DBA & GBA SUPPORTING QOS (NIU QUEUE STATE IN BASESTATION)	09.10.2001
129228	ALU	10/022891	US7075950	US	Satellite transmission de fichiers multimedia.	20.12.2001
129228	ALU	2365841	CA2365841	CA	Satellite transmission de fichiers multimedia.	20.12.2001
120675	ALU	01402766.8	EP1307027	GB	SPEED TOUCH INSTALL WIZARD, MDAP COMMUNICATION PROTOCOL.	25.10.2001
120675	ALU	01402766.8	EP1307027	DE	SPEED TOUCH INSTALL WIZARD, MDAP COMMUNICATION PROTOCOL.	25.10.2001
120675	ALU	01402766.8	EP1307027	FR	SPEED TOUCH INSTALL WIZARD, MDAP COMMUNICATION PROTOCOL.	25.10.2001
120593	ALU	10/290186	US7486661	US	VOICE TRANSPORT OVERHEAD REDUCTION.	08.11.2002
120593	ALU	01402880.7	EP1311085	GB	VOICE TRANSPORT OVERHEAD REDUCTION.	09.11.2001
120593	ALU	01402880.7	EP1311085	IT	VOICE TRANSPORT OVERHEAD REDUCTION.	09.11.2001
120593	ALU	01402880.7	EP1311085	DE	VOICE TRANSPORT OVERHEAD REDUCTION.	09.11.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120593	ALU	01402880.7	EP1311085	FR	VOICE TRANSPORT OVERHEAD REDUCTION.	09.11.2001
120593	ALU	02161105.X	ZL422402	CN	VOICE TRANSPORT OVERHEAD REDUCTION.	08.11.2002
135733	ALU	10/042556	US6978014	US	VARIABLE LINE CARD POWER FEEDBACK	19.11.2001
132687	ALU	09/985383	US6685383	US	Integrated Antenna and Radio Interface	02.11.2001
132687	ALU	02147998.4	ZL02147998.4	CN	Integrated Antenna and Radio Interface	01.11.2002
103956	ALU	10/293306	US8639795	US	ADAPTATIVE MEASUREMENT SYSTEM FOR TELECOM NETWORK	14.11.2002
137456	ALU	10/015794	US6985084	US	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	17.12.2001
137456	ALU	2002345317	JP4295495	JP	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	28.11.2002
137456	ALU	02157145.7	ZL02157145.7	CN	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	16.12.2002
137488	ALU	10/029123	US8040869	US	IP Link Auto-Discovery	19.12.2001
137490	ALU	02293094.5	EP1322065	GB	LAYER-3 NETWORK MANAGEMENT GUI	13.12.2002
137490	ALU	02293094.5	EP1322065	DE	LAYER-3 NETWORK MANAGEMENT GUI	13.12.2002
137490	ALU	02293094.5	EP1322065	FR	LAYER-3 NETWORK MANAGEMENT GUI	13.12.2002
135863	ALU	10/028076	US7127527	US	TL1 DIRECT ACCESS SYSTEM	21.12.2001
135775	ALU	10/320220	US7519055	US	INGRESS EDGE ROUTER ARCHITECTURE AND RELATED CHANNEL SCHEDULING ALGORITHMS FOR OBS NETWORKS	16.12.2002
137443	ALU	10/026713	US7088674	US	OAM CONTINUITY CHECK (OAM CC)	27.12.2001
137443	ALU	02160846.6	ZL02160846.6	CN	OAM CONTINUITY CHECK (OAM CC)	27.12.2002
132664	ALU	10/026453	US6812808	US	APERTURE COUPLED OUTPUT NETWORK FOR CERAMIC AND WAVEGUIDE COMBINER NETWORK	27.12.2001
137459	ALU	10/025741	US7206287	US	FABRIC BOUNCE TEST	26.12.2001
137459	ALU	02293215.6	EP1324538	GB	FABRIC BOUNCE TEST	23.12.2002
137459	ALU	02293215.6	EP1324538	IT	FABRIC BOUNCE TEST	23.12.2002
137459	ALU	02293215.6	EP1324538	FR	FABRIC BOUNCE TEST	23.12.2002
137460	ALU	10/025742	US7047459	US	FABRIC LOOPBACK TEST	26.12.2001
103492	ALU	10/239072	US7948982	US	CONFIGURATION OF EDGE ROUTERS FOR CONTROL OF ACTIVE PACKETS	21.01.2002
120016	ALU	09/906531	US6754235	US	ATM TIME REFERENCE TRANSPORT OVER ADSL.	16.07.2001
120239	ALU	10/345218	US7447210	US	ATM header reduction technique	16.01.2003
120239	ALU	02290154.0	EP1330142	GB	ATM header reduction technique	21.01.2002
120239	ALU	02290154.0	EP1330142	DE	ATM header reduction technique	21.01.2002
120239	ALU	02290154.0	EP1330142	FR	ATM header reduction technique	21.01.2002
120553	ALU	10/337781	US6954119	US	FLEXIBLE POLE AND ZERO SELECTION FOR PASSIVE FILTER CONSTRUCTION.	08.01.2003
120701	ALU	02290075.7	EP1328091	GB	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	11.01.2002
120701	ALU	02290075.7	EP1328091	DE	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	11.01.2002
120701	ALU	02290075.7	EP1328091	FR	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	11.01.2002
134061	ALU	2002099938	JP4011950	JP	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
134061	ALU	02127268.9	ZL02127268.9	CN	SIP Call Routing Using Information from INVITE Message Body	03.04.2002
120558	ALU	10/355081	US7313209	US	MULTI-PILOT SYNCHRONISATION AND EQUALISATION.	31.01.2003
103863	ALU	10/098128	US7283711	US	Double-clad photonic optical fiber	15.03.2002
103863	ALU	02106790.2	ZL02106790.2	CN	Double-clad photonic optical fiber	08.03.2002
135959	ALU	10/092075	US6775362	US	GRAPHICAL SIP PROXY	06.03.2002
104070	ALU	10/387565	US7031590	US	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	14.03.2003
104082	ALU	10/391641	US7340176	US	FULLY TRANSPARENT HIERARCHICAL RING NETWORK	20.03.2003
104082	ALU	03122650.7	ZL03122650.7	CN	FULLY TRANSPARENT HIERARCHICAL RING NETWORK	21.03.2003
120576	ALU	02119862.4	ZL273981	CN	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	17.05.2002
104493	ALU	10/391656	US7139377	US	PROVIDING PRIVATE SERVICES TO DISTANT MOBILE TERMINAL	20.03.2003
104493	ALU	03120941.6	ZL03120941.6	CN	PROVIDING PRIVATE SERVICES TO DISTANT MOBILE TERMINAL	24.03.2003
135908	ALU	10/108208	US7065577	US	A PROTOCOL TO CONTROL MULTICAST IN A HIERARCHICAL DSLAM NETWORK	27.03.2002
104579	ALU	10/407245	US6891607	US	MEASUREMENT OF OPTICAL FIBER INSERTION	07.04.2003
135830	ALU	10/109993	US6950968	US	COEXISTANCE OF DIAGNOSTICS AND SONET SOFTWARE IN A SONET FORMATTER BOARD	29.03.2002
103832	ALU	0204866	FR2838901	FR	OVER-MODULATION FOR BAND SUPERVISION	18.04.2002
103832	ALU	03290791.7		EP	OVER-MODULATION FOR BAND SUPERVISION	28.03.2003
103832	ALU	10/411312	US7295775	US	OVER-MODULATION FOR BAND SUPERVISION	11.04.2003
103832	ALU	03122516.0	ZL03122516.0	CN	OVER-MODULATION FOR BAND SUPERVISION	16.04.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
135780	ALU	02121664.9	ZL02121664.9	CN	MULTIMEDIA CALL WAITING	30.05.2002
135785	ALU	02121663.0	ZL02121663.0	CN	CALL PARTY ID/PROFILE PRESENTATION	30.05.2002
135957	ALU	10/132806	US7274669	US	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	25.04.2002
104285	ALU	0205724	FR2839588	FR	FLOW ALLOCATION DEVICE	07.05.2002
104285	ALU	10/428845	US7327893	US	FLOW ALLOCATION DEVICE	05.05.2003
104285	ALU	655/DEL/2003		IN	FLOW ALLOCATION DEVICE	01.05.2003
135740	ALU	02140552.2	ZL02140552.2	CN	SIGNALING IN A SHARED PROTECTION RING ARCHITECTURE	09.07.2002
120675	ALU	10/278842	US7650417	US	SPEED TOUCH INSTALL WIZARD, MDAP COMMUNICATION PROTOCOL.	24.10.2002
137401	ALU	10/151451	US7502373	US	CELL ROUTING INTERNAL HEADER TO SUPPORT IS SWITCH FABRIC UPGRADE	20.05.2002
137429	ALU	10/152857	US7710866	US	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	22.05.2002
132350	ALU	200152852	JP4806130	JP	INTEGRATION OF ALL-OPTICAL CROSSCONNECT FUNCTIONALITY IN TIPOR OR INTO ANY FIXED LENGTH OR VARIABLE LENGTH SYNCHRONOUS OR ASYNCHRONOUS OPTICAL PACKET SWITCHING APPARATUS	27.02.2001
137561	ALU	10/158115	US7284272	US	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	31.05.2002
137561	ALU	03138176.6	ZL03138176.6	CN	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
135997	ALU	10/163962	US7171120	US	OPTICAL SWITCH CONTROLLER FOR FAIR AND EFFECTIVE LIGHTPATH RESERVATION	05.06.2002
104054	ALU	10/455437	US6845199	US	HYDROGEN GETTER FOR OPTICAL CABLE	06.06.2003
103995	ALU	0206962	FR2840756	FR	DECT SYNCHRONISATION OVER IP	06.06.2002
103995	ALU	03291177.8		EP	DECT SYNCHRONISATION OVER IP	20.05.2003
103995	ALU	10/445962	US7177656	US	DECT SYNCHRONISATION OVER IP	28.05.2003
104494	ALU	0207271	FR2841071	FR	ENTREPRISE MOBILE WHEN ROAMING UNDER PLMN COVER	13.06.2002
135983	ALU	10/175192	US7221869	US	HIGH-SPEED DATA-SIGNAL CLASSIFICATION USING LOW-FREQUENCY ELECTRICAL SPECTRAL FINGERPRINTING	19.06.2002
135988	ALU	10/174776	US7093013	US	HIGH AVAILABILITY SYSTEM FOR NETWORK ELEMENTS	21.06.2002
120669	ALU	10/261486	US7664254	US	UPSTREAM POWER BACK OFF FOR VDSL.	02.10.2002
135998	ALU	10/184180	US7233743	US	LIGHTPATH SEGMENTATION METHOD	27.06.2002
120669	ALU	02139968.9	ZL250316	CN	UPSTREAM POWER BACK OFF FOR VDSL.	08.10.2002
120755	ALU	10/455432	US7782837	US	SPECTRAL FRIENDLY REMOTE ADSL DEPLOYMENT.	06.06.2003
120668	ALU	10/629706	US7050548	US	TDR BASED CUSTOMER PREMISES LOCALIZATION	30.07.2003
135984	ALU	10/219959	US7315553	US	MODULAR SERVICE PROVISIONING WITHIN AN ACCESS NODE	15.08.2002
139009	ALU	10/227934	US7180872	US	STORAGE MODULE LOCATED IN DSLAM	26.08.2002
104324	ALU	10/643937	US6895155	US	SELF CLEANING TUBES FOR PHOTONIC CRYSTAL FIBERS	20.08.2003
139059	ALU	10/320286	US7324453	US	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	16.12.2002
103933	ALU	10/488772	US7386233	US	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	GB	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	IT	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	DE	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	FR	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02818802.0	ZL02818802.0	CN	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103866	ALU	2459909	CA2459909	CA	ADAPTIVE DIGITAL COMPRESSION	12.09.2002
139038	ALU	10/241967	US6831873	US	SDRAM INDEPENDENT IN-LINE CONTROL	12.09.2002
134093	ALU	02151488.7	ZL02151488.7	CN	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	11.10.2002
131249	ALU	10/686572	US7263297	US	AN AUTOMATIC ADJUSTABLE VARIABLE GAIN ANTENNA FOR FREE SPACE OPTICS	17.10.2003
120763	ALU	10/692681	US7346749	US	MEMORY TRAP TREE.	27.10.2003
104864	ALU	0213737	FR2846821	FR	Mapping Of Network Trap Based On A Scripting Engine	04.11.2002
131250	ALU	10/695764	US7269360	US	HIGH DYNAMIC RECEIVER FOR FREE SPACE OPTICS APPLICATIONS	30.10.2003
120438	ALU	10/247621	US6788956	US	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	20.09.2002
104691	ALU	0214936	FR2848042	FR	RELIABLE AND PRECISE END-TO-END FLOW MEASUREMENTS	28.11.2002
120701	ALU	10/339348	US7376135	US	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	10.01.2003
120701	ALU	03101542.5	CN100435544C	CN	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	10.01.2003
120559	ALU	10/336815	US6856947	US	OPTIMISED BIT ALLOCATION FOR VDSL	06.01.2003
120559	ALU	2002367627	JP4249978	JP	OPTIMISED BIT ALLOCATION FOR VDSL	19.12.2002
137596	ALU	10/310910	US7359939	US	Fast Service Restoration for Lost IGMP Leave Requests	06.12.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
134096	ALU	10/289547	US8040873	US	Distributed integration of legacy PBX systems with SIP networks.	06.11.2002
137595	ALU	10/316916	US7228356	US	IGMP Expedited Leave Triggered By MAC Address	12.12.2002
137553	ALU	10/318050	US7072449	US	OPTIMUM POWER SPECTRAL DENSITIES FOR CABINET DEPLOYED XDSL	13.12.2002
135912	ALU	10/317686	US7773624	US	THE QoS RESOLUTION PROTOCOL (QoRP): A METHOD AND APPARATUS TO MAP DIFFSERV QUALITY OF SERVICE TO LAYER 2 QUALITY OF SERVICE	12.12.2002
139054	ALU	10/320244	US7324750	US	PROTECTION REQUEST MESSAGES	16.12.2002
103957	ALU	02806776.2	ZL02806776.2	CN	AUTOMATIC NETWORK TRAFFIC ENGINEERING BASED ON TRENDS	20.12.2002
137620	ALU	10/319553	US7428299	US	H.248 Bulk Configuration Provisioning	16.12.2002
139048	ALU	10/320163	US7570585	US	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	16.12.2002
120797	ALU	10/736551	US6977534	US	LVDS DRIVER WITH PRE-EMPHASIS	17.12.2003
139069	ALU	10/328354	US7420918	US	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	23.12.2002
104843	ALU	0216618	FR2849315	FR	INTELLIGENT PROXY	24.12.2002
104843	ALU	10/742788	US7801113	US	INTELLIGENT PROXY	23.12.2003
104689	ALU	10/748278	US7003197	US	UV TRANSPARENT INTERPENETRATED POLYMER NETWORK COATING FOR FBG	31.12.2003
137498	ALU	10/323633	US7233987	US	IGMPv2 in PIM-SSM environment	20.12.2002
137498	ALU	200310124693.7	ZL200310124693.7	CN	IGMPv2 in PIM-SSM environment	19.12.2003
104895	ALU	10/753328	US7574138	US	PERFORMANCE OPTIMIZATION METHOD IN WAVEBAND SWITCHED TRANSPARENT NETWORKS	09.01.2004
114066	ALU	2003128568	JP4313606	JP	AREA INFORMATION DISTRIBUTION SYSTEM	07.05.2003
104923	ALU	10/768684	US6809695	US	IMPROVED SUBREFLECTOR	02.02.2004
104923	ALU	200410039511.0	ZL200410039511.0	CN	IMPROVED SUBREFLECTOR	03.02.2004
104929	ALU	0302264	FR2851712	FR	PRO-ACTIVE CALL CONNECTION	25.02.2003
104929	ALU	04290332.8	EP1453276	EP	PRO-ACTIVE CALL CONNECTION	09.02.2004
104929	ALU	10/780717	US7480370	US	PRO-ACTIVE CALL CONNECTION	19.02.2004
104929	ALU	200410003165.0	ZL200410003165.0	CN	PRO-ACTIVE CALL CONNECTION	24.02.2004
113240	ALU	10/418079	US7564783	US	Method to efficiently poll mobile terminals for resources in a TDMA/TDD environment	18.04.2003
131247	ALU	10/720194	US7004779	US	LC CONNECTORS UNHOOKING DEVICE	25.11.2003
132276	ALU	10/373105	US6947915	US	MULTIRESOLUTION LEARNING PARADIGM AND SIGNAL PREDICTION	26.02.2003
104564	ALU	10/792846	US7015724	US	RTD-BASED RZ DECISION CIRCUIT	05.03.2004
139157	ALU	10/392227	US7215644	US	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	19.03.2003
104967	ALU	10/809521	US8140661	US	EMBEDDED ASSURANCE SYSTEM	26.03.2004
104967	ALU	200410030928.0	ZL200410030928.0	CN	EMBEDDED ASSURANCE SYSTEM	26.03.2004
139058	ALU	10/404231	US7518847	US	DC BLOCKING PROTECTOR WITH BYPASS	01.04.2003
113838	ALU	10/787358	US7590131	US	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	27.02.2004
114159	ALU	2003312153	JP4203382	JP	METHOD FOR OBTAINING USER DATA TO BE TRANSMITTED TO NETWORK IN UMTS SYSTEM	04.09.2003
135957	ALU	20030026500	KR100965033	KR	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	25.04.2003
135957	ALU	2003118436	JP4263525	JP	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	23.04.2003
135957	ALU	03142794.4	ZL03142794.4	CN	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
137627	ALU	10/417117	US7536716	US	Labeling Conversion Gateway for Compartmented Multi Operator Network Management over a Heterogeneous Network	17.04.2003
104682	ALU	10/828205	US7405855	US	OPTICALLY RECONFIGURABLE FIBRE GRATING	21.04.2004
105113	ALU	0304853	FR2854017	FR	COMMUNICATION CONTACT CENTER	18.04.2003
105113	ALU	04291018.2	EP1469660	EP	COMMUNICATION CONTACT CENTER	16.04.2004
120795	ALU	10/823643	US7068130	US	SILICON COIL FOR DSL SPLITTERS	14.04.2004
137680	ALU	10/427938	US7346706	US	Equal Cost Multi-Path Routing	02.05.2003
113358	ALU	031451152.2	ZL03145115.2	CN	Common handling of DCC and GCC routing for SDH and OTH Signals	19.06.2003
120863	ALU	10/796125	US7295602	US	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	10.03.2004
120863	ALU	200447240	JP4390589	JP	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	24.02.2004
120863	ALU	200410004662.2	CN100391214C	CN	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	09.03.2004
113880	ALU	10/671671	US7433939	US	Two-Phase Approach	29.09.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
113800	ALU	200310121305.X	ZL200310121305.X	CN	Signaling of Defects for HW Supported Protection Switching Inside an Optical Cross-Connect System	11.12.2003
113914	ALU	10/815723	US7414965	US	Hitless Equipment Protection Switch	02.04.2004
120775	ALU	10/601857	US6996410	US	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	24.06.2003
120775	ALU	03147838.7	ZL03147838.7	CN	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2003
137680	ALU	04300256.7		EP	Equal Cost Multi-Path Routing	03.05.2004
113443	ALU	02360237.8	EP1365528	GB	Stabilization scheme for vestigial side-band optical filter	12.08.2002
113443	ALU	02360237.8	EP1365528	DE	Stabilization scheme for vestigial side-band optical filter	12.08.2002
113443	ALU	02360237.8	EP1365528	FR	Stabilization scheme for vestigial side-band optical filter	12.08.2002
135983	ALU	03149422.6	ZL03149422.6	CN	HIGH-SPEED DATA-SIGNAL CLASSIFICATION USING LOW-FREQUENCY ELECTRICAL SPECTRAL FINGERPRINTING	18.06.2003
104494	ALU	10/517369	US9258430	US	ENTREPRISE MOBILE WHEN ROAMING UNDER PLMN COVER	13.06.2003
120868	ALU	200410048786.0	ZL549369	CN	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	18.06.2004
134101	ALU	10/603918	US8086721	US	Resource management in a network device	25.06.2003
120874	ALU	10/874288	US7330516	US	AUTONOMOUS POWER BACK-OFF FOR REMOTELY DEPLOYED DSL.	24.06.2004
120874	ALU	200410050168-X	ZL553971	CN	AUTONOMOUS POWER BACK-OFF FOR REMOTELY DEPLOYED DSL.	25.06.2004
120851	ALU	10/869893	US7715394	US	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	18.06.2004
120851	ALU	200410049675.1	ZL200410049675.1	CN	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	23.06.2004
104624	ALU	10/874281	US7805072	US	OPTICAL CHANNEL SHARED PROTECTION RING CONTROL SCHEME WITHOUT K BYTE PROTOCOL IN METROPOLITAN NETWORKS	24.06.2004
137600	ALU	10/601627	US7676559	US	Real-Time Policy Evaluation Mechanism	24.06.2003
120810	ALU	10/686580	US6909978	US	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	17.10.2003
120887	ALU	10/886606	US8644343	US	VC SELECTION WITH ONE MAC ADDRESS AT EDGE POINT.	09.07.2004
120887	ALU	200410069254.5	CN100463430C	CN	VC SELECTION WITH ONE MAC ADDRESS AT EDGE POINT.	15.07.2004
113818	ALU	10/656125	US7010114	US	SS7 Signaling Server (STP+SAS)	08.09.2003
104658	ALU	10/791887	US7129848	US	INTERNET/WAP SYSTEM FOR HOME OR OFFICE REMOTE MONITORING	04.03.2004
104990	ALU	10/885754	US7949735	US	TRANSACTION FRAMEWORK FOR NETWORK ELEMENTS PROVISIONING BASED ON POLICY MANAGEMENT	08.07.2004
104838	ALU	10/639452	US7437465	US	CALL TRANSFER IN SIP/QSIG NETWORK	13.08.2003
139059	ALU	03156125.X	ZL03156125.X	CN	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	29.08.2003
103453	ALU	10/471402	US7680058	US	DRX PARAMETERS CONFIGURATION BY A DTE FOR GPRS APPLICATION DO NOT DROP SEE LINK	14.03.2002
103453	ALU	02806423.2	ZL02806423.2	CN	DRX PARAMETERS CONFIGURATION BY A DTE FOR GPRS APPLICATION DO NOT DROP SEE LINK	14.03.2002
114104	ALU	200410070859.6	ZL1305254	CN	Virus Remedy	23.07.2004
137659	ALU	10/635602	US7565426	US	Intra-AS Mechanism For Tracing Back Anonymous Network Flows	07.08.2003
137659	ALU	04300412.6		EP	Intra-AS Mechanism For Tracing Back Anonymous Network Flows	29.06.2004
137639	ALU	10/869939	US7593401	US	IGMP GMQ Audit Load Balancing	18.06.2004
137642	ALU	10/869938	US7415015	US	Centralized IGMP GMQ Audit Timing	18.06.2004
134150	ALU	10/746056	US8018852	US	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	24.12.2003
139112	ALU	10/651159	US7315897	US	GMPLS ROUTING ENGINE ARCHITECTURE	28.08.2003
137690	ALU	10/659341	US7254713	US	DoS Attack Mitigation Using Upstream Router Suggested Remedies	11.09.2003
137714	ALU	10/663791	US7415018	US	IP TTL Covert Channel For Flows Trace Back	17.09.2003
120897	ALU	10/944944	US7701879	US	FILTERING AGENT FOR TRUSTED/ALLOWED PEERS IN ACCESS NETWORKS.	21.09.2004
120897	ALU	200410078052.7	ZL531852	CN	FILTERING AGENT FOR TRUSTED/ALLOWED PEERS IN ACCESS NETWORKS.	20.09.2004
114132	ALU	10/785098	US7630322	US	OSPF Monitor	25.02.2004
114132	ALU	200410029711.8	ZL200410029711.8	CN	OSPF Monitor	22.03.2004
114161	ALU	10/895839	US7015771	US	Arrangement for coupling adjustment in directional couplers using coupled TEM-mode lines	22.07.2004
114161	ALU	200410054691.X	ZL200410054691.X	CN	Arrangement for coupling adjustment in directional couplers using coupled TEM-mode lines	30.07.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114161	ALU	2004203279	AU2004203279	AU	Arrangement for coupling adjustment in directional couplers using coupled TEM-mode lines	20.07.2004
120015	ALU	09/280435	US6845136	US	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	29.03.1999
137646	ALU	10/670257	US9438515	US	Network Element Resource Utilization Tracking	26.09.2003
137637	ALU	10/679288	US7509674	US	Improved Access Control Listing Mechanism for Routers	07.10.2003
137637	ALU	200410095909.6	ZL200410095909.6	CN	Improved Access Control Listing Mechanism for Routers	08.10.2004
113804	ALU	10/697120	US7483642	US	Receiver for OTDM transmission systems	31.10.2003
104303	ALU	10/532134	US7706686	US	ADD-DROP COMBINED WITH A SWITCH	21.10.2003
120721	ALU	10/697121	US7610401	US	Per adapter routing table	31.10.2003
134118	ALU	10/690277	US7554980	US	PACKET CLASSIFICATION USING RELEVANCE SCORING	20.10.2003
105242	ALU	0312270	FR2861247	FR	OVERALL VOICE QUALITY IMPROVEMENT	21.10.2003
105242	ALU	10/968259	US7835515	US	OVERALL VOICE QUALITY IMPROVEMENT	20.10.2004
105271	ALU	10/964766	US7643457	US	DYNAMIC REGULATION OF AVAILABLE WIRELESS NETWORK BANDWITH	15.10.2004
113647	ALU	10/716467	US7092601	US	Thin film filter/mirror with waveguide substrate	20.11.2003
139139	ALU	10/703802	US7158289	US	OPTICAL SUPERVISORY/ORDERWIRE CHANNEL USING BROADBAND NOISE MODULATION	07.11.2003
137518	ALU	10/717377	US7424652	US	Coherent Counters for Cell Loss Detection and Fault Isolation	19.11.2003
131266	ALU	10/710090	US7720111	US	SDH SYSTEM ARCHITECTURE COMPLIANT WITH ITU G783 SPEC	17.06.2004
131266	ALU	200410070835.0	ZL1620186	CN	SDH SYSTEM ARCHITECTURE COMPLIANT WITH ITU G783 SPEC	20.07.2004
134132	ALU	10/741306	US7852859	US	SIP-PBX PROXY SERVER FOR INTERFACING LEGACY IP-PBXS TO SIP NETWORKS	19.12.2003
137727	ALU	10/720225	US7502447	US	Improved Call Failure Recording	25.11.2003
104457	ALU	2004567788	JP5054283	JP	SIGNALING DRIVEN ACTIVE NETWORK.	01.12.2003
104457	ALU	200380108575.5	ZL20038010857.5	CN	SIGNALING DRIVEN ACTIVE NETWORK.	01.12.2003
139048	ALU	20030092146	KR101018196	KR	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	16.12.2003
139048	ALU	2003404253	JP4489415	JP	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	03.12.2003
120902	ALU	10/980223	US7933318	US	TONE BASED TRAINING DURING SHOWTIME.	04.11.2004
120877	ALU	10/980848	US7440411	US	INTELLIGENT ECHO REDUCTION AGENT	04.11.2004
104494	ALU	03760024.4		EP	ENTREPRISE MOBILE WHEN ROAMING UNDER PLMN COVER	13.06.2003
104494	ALU	2004514321	JP4312712	JP	ENTREPRISE MOBILE WHEN ROAMING UNDER PLMN COVER	13.06.2003
104494	ALU	03813591.4	ZL03813591.4	CN	ENTREPRISE MOBILE WHEN ROAMING UNDER PLMN COVER	13.06.2003
114062	ALU	10/885593	US8089864	US	Temporary SNCP for Restoration	08.07.2004
113968	ALU	02360353.3	EP1432276	GB	Mobiles Scramblermodule	17.12.2002
113968	ALU	02360353.3	EP1432276	DE	Mobiles Scramblermodule	17.12.2002
113968	ALU	02360353.3	EP1432276	FR	Mobiles Scramblermodule	17.12.2002
114066	ALU	10/819285	US7949350	US	AREA INFORMATION DISTRIBUTION SYSTEM	07.04.2004
114066	ALU	200410034701.3	ZL200410034701.3	CN	AREA INFORMATION DISTRIBUTION SYSTEM	21.04.2004
137840	ALU	10/730926	US7487541	US	Flow-Based Method For Tracing Back Single Packets	10.12.2003
137840	ALU	04300865.5		EP	Flow-Based Method For Tracing Back Single Packets	09.12.2004
131244	ALU	10/963713	US7561795	US	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	14.10.2004
105512	ALU	10/994305	US7583691	US	COMMUNICATION MANAGEMENT METHOD AND MODEM IN SLOTTED ALONA ACCESS	23.11.2004
105512	ALU	200410091757.2	ZL200410091757.2	CN	COMMUNICATION MANAGEMENT METHOD AND MODEM IN SLOTTED ALONA ACCESS	25.11.2004
120961	ALU	11/010437	US7600137	US	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	14.12.2004
120944	ALU	11/011166	US7457318	US	USE OF IPv6 HEADER FOR ENFORCED FORWARDING IN ACCESS.	15.12.2004
120944	ALU	2004351054	JP4570451	JP	USE OF IPv6 HEADER FOR ENFORCED FORWARDING IN ACCESS.	03.12.2004
120944	ALU	200410098712.8	ZL541244	CN	USE OF IPv6 HEADER FOR ENFORCED FORWARDING IN ACCESS.	14.12.2004
134122	ALU	10/728454	US7912065	US	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	05.12.2003
134122	ALU	200310123864.4	ZL200310123864.4	CN	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	31.12.2003
105189	ALU	10/994916	US7813375	US	OPTIMAL TRANSFER OF SDH/SONET FRAMES OVER A MPLS NETWORK USING AN AUTO-ADAPTIVE LOAD BALANCING SESSION	23.11.2004
137794	ALU	10/742239	US7747716	US	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	18.12.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
137794	ALU	2004129488	JP4567367	JP	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
137794	ALU	200410063135.9	ZL200410063135.9	CN	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	28.04.2004
134140	ALU	10/737684	US8099481	US	HUB OR THIRD PARTY DEVICE DETECTION AND RESOLUTION FOR NETWORK TOPOLOGY	16.12.2003
134174	ALU	10/745743	US7698394	US	GLOBAL NETWORK MANAGEMENT CONFIGURATION **REVISED 134139**	23.12.2003
134147	ALU	10/748487	US7512122	US	INDENTIFYING QOS FLOWS UNIQUELY BY ALLOCATING SOURCE AND DESTINATION INDICIES	29.12.2003
104527	ALU	200410101643.1	ZL200410101643.1	CN	HANDLING INFORMATION FOR ROUTING OPTICAL NETWORKS	20.12.2004
120966	ALU	11/011191	US7529259	US	DSL PHYSICAL LAYER SESSION RESOURCE BROKER AND STABLE VIDEO LINK IMPLEMENTATION.	15.12.2004
135961	ALU	09/989344	US6709292	US	ELECTRICALLY SHIELDED CONNECTOR WITH 180 DEGREE OVER-MOLDED INSULATING COVER	20.11.2001
132687	ALU	10/730992	US7006054	US	Integrated Antenna and Radio Interface	10.12.2003
120863	ALU	03290595.2	EP1458129	GB	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	ES	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	IT	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	DE	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	FR	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
114096	ALU	11/011216	US7738789	US	Delay Compensation for distributed Radio units in UMTS	15.12.2004
114096	ALU	200510000022.9	ZL200510000022.9	CN	Delay Compensation for distributed Radio units in UMTS	04.01.2005
137821	ALU	10/760277	US7436770	US	IP Flow Limiting	21.01.2004
103866	ALU	10/487082	US7336843	US	ADAPTIVE DIGITAL COMPRESSION	12.09.2002
137824	ALU	10/761343	US7738259	US	Shared Via Decoupling for High-Speed Components	22.01.2004
113709	ALU	10/781626	US7136401	US	Raman fiber laser with stable output power	20.02.2004
114113	ALU	10/873359	US8855504	US	Optical transmission format with trainings sequence	23.06.2004
114159	ALU	10/931972	US7428409	US	METHOD FOR OBTAINING USER DATA TO BE TRANSMITTED TO NETWORK IN UMTS SYSTEM	02.09.2004
114159	ALU	200410058324.7	ZL1592202	CN	METHOD FOR OBTAINING USER DATA TO BE TRANSMITTED TO NETWORK IN UMTS SYSTEM	10.08.2004
105348	ALU	11/002202	US7180998	US	ELECTRONIC CIRCUIT WHICH ALLOWS TO EQUALIZE THE IMPEDANCE OF AN INTERFACE ACCESS AND THE WIRE LINE CONNECTED	03.12.2004
135236	ALU	98902722.2	EP0995322	GB	A TELECOMMUNICATIONS MANAGEMENT SYSTEM	23.01.1998
135236	ALU	98902722.2	EP0995322	IT	A TELECOMMUNICATIONS MANAGEMENT SYSTEM	23.01.1998
135236	ALU	98902722.2	EP0995322	DE	A TELECOMMUNICATIONS MANAGEMENT SYSTEM	23.01.1998
135236	ALU	98902722.2	EP0995322	FR	A TELECOMMUNICATIONS MANAGEMENT SYSTEM	23.01.1998
104967	ALU	200488322	JP4653407	JP	EMBEDDED ASSURANCE SYSTEM	25.03.2004
104990	ALU	2004187587	JP4707973	JP	TRANSACTION FRAMEWORK FOR NETWORK ELEMENTS PROVISIONING BASED ON POLICY MANAGEMENT	25.06.2004
104990	ALU	200410069778.4	ZL200410069778.4	CN	TRANSACTION FRAMEWORK FOR NETWORK ELEMENTS PROVISIONING BASED ON POLICY MANAGEMENT	19.07.2004
114180	ALU	10/951594	US7734472	US	Speech recognition enhancer	29.09.2004
105219	ALU	11/076899	US7567563	US	SECURING PING RESPONSES	11.03.2005
132005	ALU	10/802118	USRE39378	US	OPTICAL CHANNEL REGULATOR AND METHOD	16.03.2004
114142	ALU	10/934537	US7129881	US	Pipelined Analog-to-Digital Converter with variable characteristics	07.09.2004
120016	ALU	10/801755	US7116686	US	ATM TIME REFERENCE TRANSPORT OVER ADSL.	15.03.2004
114383	ALU	11/045075	US7123994	US	Power Control Protocol	31.01.2005
113738	ALU	10/827303	US7081988	US	Tilt control of terrestrials EDFA	20.04.2004
137757	ALU	10/898222	US7284162	US	Agent based router diagnostics, monitoring and maintenance	26.07.2004
113388	ALU	02360233.7	EP1389843	GB	Shared Protection Restoration Combined (SPRC)	05.08.2002
113388	ALU	02360233.7	EP1389843	DE	Shared Protection Restoration Combined (SPRC)	05.08.2002
113388	ALU	02360233.7	EP1389843	FR	Shared Protection Restoration Combined (SPRC)	05.08.2002
114047	ALU	10/951599	US7177073	US	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	29.09.2004
131269	ALU	11/081568	US7447199	US	IMPROVED MEMORY BASED SWITCH	17.03.2005
131269	ALU	200510056979.5	ZL200510056979.5	CN	IMPROVED MEMORY BASED SWITCH	24.03.2005
131272	ALU	11/004060	US7778156	US	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	06.12.2004
105278	ALU	10/867751	US6995727	US	SPLASHPLATE FEED	16.06.2004
105332	ALU	11/113991	US7590062	US	HIERARCHICAL FILTERS TO OPTIMIZE CORRELATION OF END-TO-END PASSIVE MEASUREMENT	26.04.2005
120901	ALU	10/937292	US7406052	US	XDSL BIT SWAP.	10.09.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114061	ALU	10/873286	US7489879	US	Optical Data Packet source	23.06.2004
132812	ALU	10/161210	US7609682	US	Implementing an Intelligent Network Service for a Packet-Switched Service Using a Node Interfacing a Mobile Communications Network to a Packet Data Network	03.06.2002
114017	ALU	10/862578	US7042635	US	Dynamical Control of Parametric Gain	08.06.2004
114182	ALU	10/893296	US7594164	US	HyperVideo	19.07.2004
137778	ALU	10/830822	US6944256	US	Avoiding Statistics Counter Overflow in a Network Processing Environment	23.04.2004
105278	ALU	200410048328.7	ZL200410048328.7	CN	SPLASHPLATE FEED	17.06.2004
137833	ALU	10/820497	US7633961	US	Scaling VPRN for Thousands of BGP Peers	07.04.2004
120820	ALU	10/882219	US7119546	US	IMPROVE DYNAMIC RANGE OF SINGLE-ENDED LINE TESTING	02.07.2004
120820	ALU	200410062315.5	ZL528276	CN	IMPROVE DYNAMIC RANGE OF SINGLE-ENDED LINE TESTING	01.07.2004
137869	ALU	10/903436	US8599852	US	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	30.07.2004
137928	ALU	10/854272	US7821948	US	OAM CC on Multicast and Multi-Endpoint Paths	27.05.2004
137929	ALU	10/854964	US7436774	US	OAM CC Enabling of Reroute On Loss Of Connectivity (LOC)	27.05.2004
137894	ALU	10/896061	US7057904	US	High Density Circuit Card With Interlocking and Interconnecting Adapter Card	22.07.2004
104679	ALU	0451127	FR2871242	FR	IONIC LIQUIDS USED AS INDEX MATCHING ELEMENT	08.06.2004
104679	ALU	05104741.3		EP	IONIC LIQUIDS USED AS INDEX MATCHING ELEMENT	01.06.2005
104679	ALU	11/146123	US7613378	US	IONIC LIQUIDS USED AS INDEX MATCHING ELEMENT	07.06.2005
113586	ALU	02360235.2	EP1389862	GB	Lawful Interception for a SIP based Network	08.08.2002
113586	ALU	02360235.2	EP1389862	DE	Lawful Interception for a SIP based Network	08.08.2002
113586	ALU	02360235.2	EP1389862	FR	Lawful Interception for a SIP based Network	08.08.2002
104086	ALU	10/505214	US7664029	US	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	2003577465	JP3845087	JP	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02828250.7	ZL02828250.7	CN	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104658	ALU	03290601.8	EP1457942	GB	INTERNET/WAP SYSTEM FOR HOME OR OFFICE REMOTE MONITORING	11.03.2003
104658	ALU	03290601.8	EP1457942	DE	INTERNET/WAP SYSTEM FOR HOME OR OFFICE REMOTE MONITORING	11.03.2003
104658	ALU	03290601.8	EP1457942	FR	INTERNET/WAP SYSTEM FOR HOME OR OFFICE REMOTE MONITORING	11.03.2003
104398	ALU	10/503058	US7953367	US	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
104398	ALU	2003565080	JP4044905	JP	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
104398	ALU	02827456.3	ZL02827456.3	CN	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
105318	ALU	0451372	FR2872654	FR	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	30.06.2004
105318	ALU	05300451.1	EP1612979	EP	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	03.06.2005
105318	ALU	11/166216	US7564876	US	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	27.06.2005
105318	ALU	200510080745.4	ZL200510080745.4	CN	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	30.06.2005
137337	ALU	10/156930	US6574286	US	Modulation system having on-lin IQ calibration	29.05.2002
105272	ALU	10/964615	US7463603	US	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	15.10.2004
105272	ALU	200410084083.3	ZL200410084083.3	CN	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	18.10.2004
114324	ALU	11/150127	US7688717	US	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	13.06.2005
114324	ALU	200510080409.X	ZL200510080409.X	CN	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.07.2005
137812	ALU	10/888535	US8028052	US	Queue Architecture for Multi-Server Request	09.07.2004
114035	ALU	10/952882	US7064887	US	Gain control for lumped Raman fiber amplifier	30.09.2004
113444	ALU	02360246.9	EP1359692	GB	Optical demultiplexing of VSB based systems	26.08.2002
113444	ALU	02360246.9	EP1359692	DE	Optical demultiplexing of VSB based systems	26.08.2002
113444	ALU	02360246.9	EP1359692	FR	Optical demultiplexing of VSB based systems	26.08.2002
105477	ALU	0451627	FR2873524	FR	OMNI CRYSTAL CHANNEL ALIAS MULTI HOMING LINK AGGREGATION	22.07.2004
139177	ALU	10/894795	US7660241	US	EFFICIENT LOAD BALANCING IN VPLS NETWORKS	20.07.2004
120216	ALU	10/895316	US7110521	US	INTERFACE BETWEEN IN AND CTI.	21.07.2004
121018	ALU	200510084095.0	ZL541685	CN	PROVIDE PROTOCOL BASES AND PORT BASED VLAN CONFIGURATION DYNAMICALLY FROM RADIUS SERVER.	12.07.2005
114401	ALU	200510068132.9	ZL200510068132.9	CN	Inherent Backhauling for Point to Multipoint Radio Base Station	27.04.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114446	ALU	11/110707	US7765396	US	Data Authentication Method and Agent Based System	21.04.2005
114259	ALU	11/120943	US8393250	US	Tool for stripping off a jacket from tubes or cables	04.05.2005
114053	ALU	11/079082	US8045465	US	Solution to the near far effect in multi mode WLAN for TCP connections	15.03.2005
114274	ALU	11/167792	US7697425	US	Method for efficiently handling downlink multicast traffic in discontinuous networks	28.06.2005
114250	ALU	11/174625	US7378921	US	Symmetrical radio frequency coupling	06.07.2005
114250	ALU	200510083802.4	ZL200510083802.4	CN	Symmetrical radio frequency coupling	07.07.2005
137875	ALU	10/899251	US7676838	US	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	26.07.2004
139250	ALU	2005153516	JP4727298	JP	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	26.05.2005
105477	ALU	11/185789	US7457256	US	OMNI CRYSTAL CHANNEL ALIAS MULTI HOMING LINK AGGREGATION	21.07.2005
114104	ALU	03291958.1	EP1505797	GB	Virus Remedy	04.08.2003
114104	ALU	03291958.1	EP1505797	IT	Virus Remedy	04.08.2003
114104	ALU	03291958.1	EP1505797	DE	Virus Remedy	04.08.2003
114104	ALU	03291958.1	EP1505797	FR	Virus Remedy	04.08.2003
105113	ALU	10/553452	US7319746	US	COMMUNICATION CONTACT CENTER	16.04.2004
105113	ALU	2006505802	JP4713463	JP	COMMUNICATION CONTACT CENTER	16.04.2004
105113	ALU	200480013639.8	ZL200480013639.8	CN	COMMUNICATION CONTACT CENTER	16.04.2004
114423	ALU	11/207949	US7529183	US	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	22.08.2005
114423	ALU	200510097935.7	ZL200510097935.7	CN	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	31.08.2005
105462	ALU	11/203976	US7395186	US	ADAPTIVE DIAGNOSIS SYSTEM FOR IP SERVICES	16.08.2005
105299	ALU	0451993	FR2875016	FR	MODE CONVERTER	08.09.2004
105305	ALU	11/219830	US7471699	US	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	07.09.2005
134175	ALU	10/941529	US7706302	US	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	14.09.2004
113358	ALU	02360218.8	EP1385296	GB	Common handling of DCC and GCC routing for SDH and OTH Signals	22.07.2002
113358	ALU	02360218.8	EP1385296	DE	Common handling of DCC and GCC routing for SDH and OTH Signals	22.07.2002
113358	ALU	02360218.8	EP1385296	FR	Common handling of DCC and GCC routing for SDH and OTH Signals	22.07.2002
105488	ALU	11/226346	US7536103	US	WAVELENGTH-SWITCH-BASED MODULAR PATCH-PANELS	15.09.2005
105488	ALU	200510103100.8	ZL200510103100.8	CN	WAVELENGTH-SWITCH-BASED MODULAR PATCH-PANELS	19.09.2005
104991	ALU	11/017940	US7746801	US	AUTOMATIC FLOW MEASUREMENT ADAPTATION ACCORDING TO ITS CHARACTERISTICS	22.12.2004
121021	ALU	11/225053	US9118739	US	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	14.09.2005
121021	ALU	200510113281.2	ZL200510113281.2	CN	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	16.09.2005
104366	ALU	10/510685	US8971236	US	System And Method For Real-Time Interconnection Of Elements Of A Wide Area Monitoring, Measurement Or Data Collection System Through A Direct Digital Satellite Broadcasting Multiplexing System	09.04.2002
104366	ALU	2003582930	JP4439923	JP	System And Method For Real-Time Interconnection Of Elements Of A Wide Area Monitoring, Measurement Or Data Collection System Through A Direct Digital Satellite Broadcasting Multiplexing System	09.04.2002
104366	ALU	02828926.9	ZL02828926.9	CN	System And Method For Real-Time Interconnection Of Elements Of A Wide Area Monitoring, Measurement Or Data Collection System Through A Direct Digital Satellite Broadcasting Multiplexing System	09.04.2002
131247	ALU	03290423.7	EP1450185	GB	LC CONNECTORS UNHOOKING DEVICE	21.02.2003
131247	ALU	03290423.7	EP1450185	DE	LC CONNECTORS UNHOOKING DEVICE	21.02.2003
131247	ALU	03290423.7	EP1450185	FR	LC CONNECTORS UNHOOKING DEVICE	21.02.2003
120996	ALU	11/227229	US7991072	US	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	16.09.2005
120996	ALU	200510105524.8	ZL10105524.8	CN	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2005
137915	ALU	10/962488	US7554970	US	Simulated Annealing For Traffic Matrix Estimation (SATME)	13.10.2004
137988	ALU	11/248147	US7792885	US	Database RAM Cache	13.10.2005
114072	ALU	10/975376	US7477678	US	Resource Efficient Path Searcher for CDMA/UMTS	29.10.2004
114072	ALU	200410086635.4	ZL200410086635.4	CN	Resource Efficient Path Searcher for CDMA/UMTS	19.11.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139250	ALU	10/974074	US9413487	US	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	27.10.2004
105736	ALU	11/256005	US8005024	US	IP VIDEOCONFERENCE USING PSTN VOICE	24.10.2005
134202	ALU	11/028351	US7417953	US	PORT RE-ENABLING BY MONITORING LINK STATUS	30.12.2004
134202	ALU	05023894.8		EP	PORT RE-ENABLING BY MONITORING LINK STATUS	02.11.2005
105478	ALU	11/269650	US7889736	US	Sanity Proved BGP-update message	09.11.2005
114132	ALU	03290742.0	EP1463235	GB	OSPF Monitor	24.03.2003
114132	ALU	03290742.0	EP1463235	IT	OSPF Monitor	24.03.2003
114132	ALU	03290742.0	EP1463235	DE	OSPF Monitor	24.03.2003
114132	ALU	03290742.0	EP1463235	FR	OSPF Monitor	24.03.2003
121005	ALU	11/067941	US8069473	US	MAC ADDRESS ANTI-SPOOFING FOR A SECURE ETHERNET BROADBAND ACCESS NETWORK	01.03.2005
121053	ALU	11/177313	US7593397	US	SECURED MAC LEARNING	11.07.2005
121053	ALU	200510080622.0	ZL10080622.0	CN	SECURED MAC LEARNING	04.07.2005
121075	ALU	11/265247	US7599366	US	FLOW CONCEPT	03.11.2005
121075	ALU	200510126096.7	ZL10126096.7	CN	FLOW CONCEPT	24.11.2005
137641	ALU	11/006558	US7489684	US	IGMP on LT Architecture	08.12.2004
137870	ALU	11/010332	US7675873	US	Enhanced IP-Voice Conferencing	14.12.2004
121037	ALU	11/296451	US7730251	US	INCREASED NUMBER OF POSSIBILITIES WHILE USING FEW PINS.	08.12.2005
121017	ALU	11/302267	US8571094	US	ENHANCED NOISE MEASUREMENT.	14.12.2005
120015	ALU	11/026258	US7372930	US	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	30.12.2004
139314	ALU	11/016254	US7359496	US	PRESENCE AND PREFERENCE ENABLED AND AUTOMATICALLY CUSTOMIZABLE CALL RESPONSE USING CALLER'S PREFERRED CONTACTING CHANNEL(S)	17.12.2004
139314	ALU	05027289.7		EP	PRESENCE AND PREFERENCE ENABLED AND AUTOMATICALLY CUSTOMIZABLE CALL RESPONSE USING CALLER'S PREFERRED CONTACTING CHANNEL(S)	14.12.2005
139287	ALU	11/020373	US8180034	US	CTI-ENABLED SIP PHONES FOR CALL CENTER FUNCTIONS	22.12.2004
121102	ALU	200510137375.3	CN100463406C	CN	SETTING UP AND MODIFYING MULTI-PARTY CONFERENCING SESSIONS (VOICE AND/OR VIDEO).	23.12.2005
121066	ALU	11/305017	US8023993	US	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	19.12.2005
121081	ALU	11/313922	US7567613	US	ACTIVE SELF TEST FOR IN-HOUSE WIRING PROBLEMS.	22.12.2005
121089	ALU	11/305270	US7529176	US	LINE MEASUREMENT IN RT TO DERIVE TRANSMIT PSD AT THE RT.	19.12.2005
139254	ALU	11/020898	US8274899	US	AUTOCONFIGURATION OF ETHERNET OAM LOOPBACK POINTS	22.12.2004
139255	ALU	200510134038.9	ZL200510134038.9	CN	METHOD TO MINIMIZE LEAKAGE OF OAM FRAMES OUTSIDE ETHERNET OAM DOMAIN	22.12.2005
134177	ALU	11/011876	US7917944	US	SECURE AUTHENTICATION ADVERTISEMENT PROTOCOL	13.12.2004
134177	ALU	200510134283.X	ZL10134283.X	CN	SECURE AUTHENTICATION ADVERTISEMENT PROTOCOL	13.12.2005
105685	ALU	11/312741	US8498545	US	STABILISED DPSK DEMODULATOR WITH WAVELENGTH TRACKING	21.12.2005
105685	ALU	200510132814.1	ZL200510132814.1	CN	STABILISED DPSK DEMODULATOR WITH WAVELENGTH TRACKING	22.12.2005
139270	ALU	11/023784	US7855968	US	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	28.12.2004
139271	ALU	11/024077	US8054751	US	REMOTE ACCESS LINK FAULT INDICATION	28.12.2004
139292	ALU	11/023716	US7512141	US	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	28.12.2004
134187	ALU	11/027873	US7751421	US	TRAFFIC GENERATOR/MONITOR MODE	29.12.2004
134157	ALU	11/028347	US7536007	US	LADDER STRUCTURE FOR ECHO CANCELLATION APPLICATIONS	30.12.2004
134210	ALU	11/028357	US7596220	US	LADDER STRUCTURE FOR ECHO CANCELLATION APPLICATIONS	30.12.2004
134195	ALU	11/028346	US7630299	US	RETAINING USAGE OF THE PRIMARY ROUTER MAC ADDRESS THROUGH OUT MULTIPLE FAILURE OF THE PRIMARY ELEMENT OF A STACK OF SWITCHES/ROUTERS	30.12.2004
139271	ALU	200510069065.2	ZL200510069065.2	CN	REMOTE ACCESS LINK FAULT INDICATION	10.05.2005
139359	ALU	09/924785	US7054661	US	METHOD AND ARCHITECTURE FOR PROVIDING TECHNOLOGY INDEPENDENT WIRELESS SERVICES MIGRATION	08.08.2001
137816	ALU	11/032023	US7463587	US	Pre-computed Paths for Policy-Based Routing	11.01.2005
114571	ALU	11/285292	US7620319	US	Distributed PON TDR	23.11.2005
114571	ALU	2005347511	JP4570555	JP	Distributed PON TDR	01.12.2005
104493	ALU	03290638.0	EP1349400	GB	PROVIDING PRIVATE SERVICES TO DISTANT MOBILE TERMINAL	14.03.2003
104493	ALU	03290638.0	EP1349400	IT	PROVIDING PRIVATE SERVICES TO DISTANT MOBILE TERMINAL	14.03.2003
104493	ALU	03290638.0	EP1349400	DE	PROVIDING PRIVATE SERVICES TO DISTANT MOBILE TERMINAL	14.03.2003
104493	ALU	03290638.0	EP1349400	FR	PROVIDING PRIVATE SERVICES TO DISTANT MOBILE TERMINAL	14.03.2003
139363	ALU	09/935228	US6772224	US	METHOD AND SYSTEM FOR PROCESSING LOAD DISTRIBUTION FOR A PACKETIZED TELECOMMUNICATION NETWORK ENTITY	22.08.2001
150023	ALU	11/041727	US7323787	US	Off-grid Decoupling of BGA Devices	25.01.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139364	ALU	10/495008	US8483206	US	METHOD AND SYSTEM FOR PROVIDING A MULTMEDIA CALL MODEL	15.11.2002
121022	ALU	11/091888	US8509216	US	HOME IP PLUG CONTROLLER.	29.03.2005
121022	ALU	200527958	KR101102192	KR	HOME IP PLUG CONTROLLER.	04.04.2005
121022	ALU	200587760	JP4468848	JP	HOME IP PLUG CONTROLLER.	25.03.2005
121022	ALU	200510055774.5		CN	HOME IP PLUG CONTROLLER.	21.03.2005
137926	ALU	11/102308	US7903638	US	Decentralized Architecture for ATM-Based Bonding of xDSL Lines	08.04.2005
114142	ALU	03292327.8	EP1521370	GB	Pipelined Analog-to-Digital Converter with variable characteristics	23.09.2003
114142	ALU	03292327.8	EP1521370	DE	Pipelined Analog-to-Digital Converter with variable characteristics	23.09.2003
114142	ALU	03292327.8	EP1521370	FR	Pipelined Analog-to-Digital Converter with variable characteristics	23.09.2003
121082	ALU	11/362814	US7529840	US	BI-DIRECTIONAL SOAP SESSION OVER UNI DIRECTIONAL HTTP SESSION.	28.02.2006
121082	ALU	200610058075.0	ZL570122	CN	BI-DIRECTIONAL SOAP SESSION OVER UNI DIRECTIONAL HTTP SESSION.	28.02.2006
114282	ALU	11/192355	US7409166	US	Conversion from alternated-polarization to single-polarization : application to bit-to-bit polarization interleaving	29.07.2005
114282	ALU	200510093716.1	ZL200510093716.1	CN	Conversion from alternated-polarization to single-polarization : application to bit-to-bit polarization interleaving	23.08.2005
131299	ALU	200610057784.7	ZL100493037C	CN	OUTPUT DRIVEN MEMORY BASED SWITCH FOR TDM AND PACKET DATA CROSSCONNECTION	27.02.2006
139378	ALU	10/494912	US7263354	US	METHOD AND SYSTEM FOR PROVIDING WIRELESS SERVICES USING AN ACCESS NETWORK AND A CORE NETWORK BASED ON DIFFERENT TECHNOLOGIES	07.05.2004
139380	ALU	09/934987	US7016359	US	SYSTEM AND METHOD FOR PROVIDING HYBRID VOICE AND PACKET DATA SERVICES TO A MOBILE TELECOMMUNICATIONS DEVICE	22.08.2001
139379	ALU	10/499613	US7369528	US	METHOD AND SYSTEM TO SEND GSM SMS MESSAGE OVER CDMA RADIO NETWORK TO A GASM DESTINATION SMS SERVICE CENTER IN THE CORE NETWORK	19.12.2002
139370	ALU	10/509312	US8417294	US	METHOD AND SYSTEM FOR PROVIDING DATA SERVICES IN A HYBRID NETWORK	27.03.2003
114113	ALU	03292040.7	EP1508983	GB	Optical transmission format with trainings sequence	18.08.2003
114113	ALU	03292040.7	EP1508983	DE	Optical transmission format with trainings sequence	18.08.2003
114113	ALU	03292040.7	EP1508983	FR	Optical transmission format with trainings sequence	18.08.2003
104086	ALU	02704874.3	EP1479183	GB	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02704874.3	EP1479183	IT	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02704874.3	EP1479183	DE	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02704874.3	EP1479183	FR	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
139279	ALU	11/229114	US7508757	US	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	16.09.2005
121028	ALU	05290778.9		EP	CONTEXT INTERACTION SYSTEM.	06.04.2005
105620	ALU	11/134493	US7620012	US	9763 E1 COMPRESSOR - ROUTAGE LOCAL DU TRAFIC LOCAL	23.05.2005
114739	ALU	11/255203	US7742502	US	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	21.10.2005
114739	ALU	200510116820.8	ZL200510116820.8	CN	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	27.10.2005
104689	ALU	03293179.2	EP1435534	GB	UV TRANSPARENT INTERPENETRATED POLYMER NETWORK COATING FOR FBG	16.12.2003
104689	ALU	03293179.2	EP1435534	IT	UV TRANSPARENT INTERPENETRATED POLYMER NETWORK COATING FOR FBG	16.12.2003
104689	ALU	03293179.2	EP1435534	DE	UV TRANSPARENT INTERPENETRATED POLYMER NETWORK COATING FOR FBG	16.12.2003
104689	ALU	03293179.2	EP1435534	FR	UV TRANSPARENT INTERPENETRATED POLYMER NETWORK COATING FOR FBG	16.12.2003
139360	ALU	10/531527	US7756518	US	METHOD AND SYSTEM FOR MINIMIZING CALL SETUP DELAY FOR CALLS OCCURRING IN ONE OR MULTIPLE WIRELESS NETWORKS	15.10.2003
139360	ALU	200380103343.0	ZL200380103343.0	CN	METHOD AND SYSTEM FOR MINIMIZING CALL SETUP DELAY FOR CALLS OCCURRING IN ONE OR MULTIPLE WIRELESS NETWORKS	15.10.2003
104679	ALU	200510075235.8	ZL200510075235.8	CN	IONIC LIQUIDS USED AS INDEX MATCHING ELEMENT	07.06.2005
104967	ALU	04290706.3	EP1463238	GB	EMBEDDED ASSURANCE SYSTEM	15.03.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
104967	ALU	04290706.3	EP1463238	ES	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	IT	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	DE	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	FR	EMBEDDED ASSURANCE SYSTEM	15.03.2004
113738	ALU	03291119.0	EP1478109	GB	Tilt control of terrestrials EDFA	13.05.2003
113738	ALU	03291119.0	EP1478109	DE	Tilt control of terrestrials EDFA	13.05.2003
113738	ALU	03291119.0	EP1478109	FR	Tilt control of terrestrials EDFA	13.05.2003
114259	ALU	200510074827.8	ZL200510074827.8	CN	Tool for stripping off a jacket from tubes or cables	03.06.2005
114393	ALU	200510068081.X	ZL200510068081.X	CN	Multi-Modal Proxy System	16.05.2005
113647	ALU	02360333.5	EP1426794	GB	Thin film filter/mirror with waveguide substrate	03.12.2002
113647	ALU	02360333.5	EP1426794	DE	Thin film filter/mirror with waveguide substrate	03.12.2002
113647	ALU	02360333.5	EP1426794	FR	Thin film filter/mirror with waveguide substrate	03.12.2002
105278	ALU	04291540.5	EP1489688	GB	SPLASHPLATE FEED	16.06.2004
105278	ALU	04291540.5	EP1489688	IT	SPLASHPLATE FEED	16.06.2004
105278	ALU	04291540.5	EP1489688	DE	SPLASHPLATE FEED	16.06.2004
105278	ALU	04291540.5	EP1489688	FR	SPLASHPLATE FEED	16.06.2004
121012	ALU	04291930.8	EP1622311	GB	ZERO CONFIGURATION OF CPE MANAGEMENT SERVER.	29.07.2004
121012	ALU	04291930.8	EP1622311	DE	ZERO CONFIGURATION OF CPE MANAGEMENT SERVER.	29.07.2004
121012	ALU	04291930.8	EP1622311	FR	ZERO CONFIGURATION OF CPE MANAGEMENT SERVER.	29.07.2004
121080	ALU	11/133297	US7827500	US	ENHANCED EXPANSION FOR COMMAND LINE LANGUAGE.	20.05.2005
105462	ALU	200510082645.5	ZL200510082645.5	CN	ADAPTIVE DIAGNOSIS SYSTEM FOR IP SERVICES	06.07.2005
131302	ALU	11412747	US7881610	US	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	28.04.2006
150039	ALU	11/130171	US8675653	US	Co-Existing Static And Dymanic IP Multicast	17.05.2005
150039	ALU	200610092894.7	ZL200610092894.7	CN	Co-Existing Static And Dymanic IP Multicast	17.05.2006
113914	ALU	03290911.1	EP1467495	GB	Hitless Equipment Protection Switch	11.04.2003
113914	ALU	03290911.1	EP1467495	IT	Hitless Equipment Protection Switch	11.04.2003
113914	ALU	03290911.1	EP1467495	DE	Hitless Equipment Protection Switch	11.04.2003
113914	ALU	03290911.1	EP1467495	FR	Hitless Equipment Protection Switch	11.04.2003
137986	ALU	11/137548	US7881291	US	Packet Classification Acceleration Using Spectral Analysis	26.05.2005
131300	ALU	11/435829	US8270300	US	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	18.05.2006
121098	ALU	11/372129	US7724810	US	ON LINE SELF TEST FOR DSLAM	10.03.2006
114035	ALU	03292706.3	EP1528698	GB	Gain control for lumped Raman fiber amplifier	30.10.2003
114035	ALU	03292706.3	EP1528698	DE	Gain control for lumped Raman fiber amplifier	30.10.2003
114035	ALU	03292706.3	EP1528698	FR	Gain control for lumped Raman fiber amplifier	30.10.2003
105957	ALU	11/453794	US8040887	US	E1 OVER ETHERNET TRANSPORT	16.06.2006
105957	ALU	200610092285.1	ZL200610092285.1	CN	E1 OVER ETHERNET TRANSPORT	16.06.2006
105947	ALU	11/453795	US7944945	US	STM-1/STS-3 OVER ETHERNET TRANSPORT	16.06.2006
105947	ALU	200610092287.0	ZL100446498C	CN	STM-1/STS-3 OVER ETHERNET TRANSPORT	16.06.2006
105761	ALU	11/455694	US7761082	US	TIME CREDIT TRANSFER SERVICE BETWEEN MOBILE PHONES	20.06.2006
139292	ALU	200510083063.9	ZL200510083063.9	CN	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	08.07.2005
104838	ALU	03292020.9	EP1389863	GB	CALL TRANSFER IN SIP/QSIG NETWORK	12.08.2003
104838	ALU	03292020.9	EP1389863	IT	CALL TRANSFER IN SIP/QSIG NETWORK	12.08.2003
104838	ALU	03292020.9	EP1389863	DE	CALL TRANSFER IN SIP/QSIG NETWORK	12.08.2003
104838	ALU	03292020.9	EP1389863	FR	CALL TRANSFER IN SIP/QSIG NETWORK	12.08.2003
104457	ALU	03290056.5	EP1437867	GB	SIGNALING DRIVEN ACTIVE NETWORK.	10.01.2003
104457	ALU	03290056.5	EP1437867	IT	SIGNALING DRIVEN ACTIVE NETWORK.	10.01.2003
104457	ALU	03290056.5	EP1437867	DE	SIGNALING DRIVEN ACTIVE NETWORK.	10.01.2003
104457	ALU	03290056.5	EP1437867	FR	SIGNALING DRIVEN ACTIVE NETWORK.	10.01.2003
114180	ALU	03292957.2	EP1536412	GB	Speech recognition enhancer	27.11.2003
114180	ALU	03292957.2	EP1536412	DE	Speech recognition enhancer	27.11.2003
114180	ALU	03292957.2	EP1536412	FR	Speech recognition enhancer	27.11.2003
114551	ALU	11/192356	US7280188	US	Low cost fibre monitoring by reusing of transceiver components	29.07.2005
105305	ALU	200510102507.9	ZL200510102507.9	CN	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	08.09.2005
105477	ALU	200510098039.2	ZL200510098039.2	CN	OMNI CRYSTAL CHANNEL ALIAS MULTI HOMING LINK AGGREGATION	22.07.2005
105657	ALU	11/483184	US7430229	US	STRUCTURE AND PROCESSING OF AN ELECTRO-ABSORPTION MODULATED LASER SUITABLE FOR LOW COST, COOLER-LESS, HIGH SPEED TRANSMITTERS	10.07.2006
139277	ALU	11/182234	US7801126	US	PACKET PRIORITY CODING SCHEME - ** GOVERNMENT FUNDING NIST **	15.07.2005
114860	ALU	11/452405	US7417498	US	Feedback Bridge for RF Amplifier	14.06.2006

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114860	ALU	200610092289.X	ZL200610092289.X	CN	Feedback Bridge for RF Amplifier	16.06.2006
137999	ALU	11/186866	US7984493	US	DNS-Based Enforcement for Confinement and Detection of Network Malicious Activities	22.07.2005
102819	ALU	09/808025	US7184775	US	Resources allocation based on a weighted fair queuing in a radiocommunications system.	15.03.2001
113804	ALU	02360328.5	EP1427123	GB	Receiver for OTDM transmission systems	27.11.2002
113804	ALU	02360328.5	EP1427123	DE	Receiver for OTDM transmission systems	27.11.2002
113804	ALU	02360328.5	EP1427123	FR	Receiver for OTDM transmission systems	27.11.2002
120763	ALU	02292677.8	EP1416290	GB	MEMORY TRAP TREE.	28.10.2002
120763	ALU	02292677.8	EP1416290	DE	MEMORY TRAP TREE.	28.10.2002
120763	ALU	02292677.8	EP1416290	FR	MEMORY TRAP TREE.	28.10.2002
114608	ALU	11/446263	US7864660	US	Low cost transport for pico cell coverage	05.06.2006
114608	ALU	200610093530.0	ZL200610093530.0	CN	Low cost transport for pico cell coverage	26.06.2006
139384	ALU	11/198115	US7778627	US	CELLPHONE BASED ANTI-SPAM SCHEME	04.08.2005
114161	ALU	03291939.1	EP1503447	GB	Arrangement for coupling adjustment in directional couplers using coupled TEM-mode lines	31.07.2003
114161	ALU	03291939.1	EP1503447	DE	Arrangement for coupling adjustment in directional couplers using coupled TEM-mode lines	31.07.2003
114161	ALU	03291939.1	EP1503447	FR	Arrangement for coupling adjustment in directional couplers using coupled TEM-mode lines	31.07.2003
114701	ALU	11/452406	US7865145	US	Radio base station with multipurpose VSWR measurement unit	14.06.2006
114701	ALU	200610087942.3	ZL200610087942.3	CN	Radio base station with multipurpose VSWR measurement unit	08.06.2006
132110	ALU	05076150.1		EP	ASAM Architecture	17.05.2005
114514	ALU	200510103546.0	ZL200510103546.0	CN	Push to Video	21.09.2005
114731	ALU	11/485297	US7656944	US	Decision feedback equalizer with analog feedback and eye monitor for automatic coefficient and threshold adaptation	13.07.2006
114731	ALU	200610108316.8	ZL10108316.8	CN	Decision feedback equalizer with analog feedback and eye monitor for automatic coefficient and threshold adaptation	01.08.2006
114924	ALU	11/485327	US7843851	US	Distributed routing policy in multi layer networks	13.07.2006
114924	ALU	200610108841.X	ZL200610108841.X	CN	Distributed routing policy in multi layer networks	14.08.2006
134175	ALU	200510102920.5	ZL200510102920.5	CN	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	14.09.2005
105791	ALU	0508386	FR2889636	FR	MONOLITHIC INTEGRATION OF A SEMICONDUCTOR OPTICAL AMPLIFIER (SOA) AND A PHOTODIODE USING A COMMON EVANESCENT WAVEGUIDE STRUCTURE	05.08.2005
105791	ALU	06118344.8		EP	MONOLITHIC INTEGRATION OF A SEMICONDUCTOR OPTICAL AMPLIFIER (SOA) AND A PHOTODIODE USING A COMMON EVANESCENT WAVEGUIDE STRUCTURE	02.08.2006
105791	ALU	11/498254	US7505645	US	MONOLITHIC INTEGRATION OF A SEMICONDUCTOR OPTICAL AMPLIFIER (SOA) AND A PHOTODIODE USING A COMMON EVANESCENT WAVEGUIDE STRUCTURE	03.08.2006
105791	ALU	200610110661.5	ZL200610110661.5	CN	MONOLITHIC INTEGRATION OF A SEMICONDUCTOR OPTICAL AMPLIFIER (SOA) AND A PHOTODIODE USING A COMMON EVANESCENT WAVEGUIDE STRUCTURE	07.08.2006
114782	ALU	11/485454	US7400387	US	Fiber Monitoring in Optical Burst Mode	13.07.2006
114782	ALU	200610115724.6	ZL200610115724.6	CN	Fiber Monitoring in Optical Burst Mode	11.08.2006
121129	ALU	11/514884	US7983331	US	DETECTING MISSING DSL FILTER/SPLITTER.	05.09.2006
139416	ALU	11/227638	US7801284	US	DIAL BY NAME WITH PRESENCE	15.09.2005
137962	ALU	11/213010	US7619989	US	Passive Real-Time Address Space Validation System	26.08.2005
137962	ALU	200610137197.9	ZL200610137197.9	CN	Passive Real-Time Address Space Validation System	25.08.2006
121099	ALU	11/510828	US7702008	US	VIRTUAL BINDER IDENTIFICATION BY MEANS OF CODING INFORMATION.	28.08.2006
121099	ALU	200610115988.1	ZL200610115988.1	CN	VIRTUAL BINDER IDENTIFICATION BY MEANS OF CODING INFORMATION.	22.08.2006
105736	ALU	2005298387	JP4786993	JP	IP VIDEOCONFERENCE USING PSTN VOICE	13.10.2005
105736	ALU	200510116936.1	ZL200510116936.1	CN	IP VIDEOCONFERENCE USING PSTN VOICE	25.10.2005
139405	ALU	11/233987	US7570752	US	CONFERENCE ACTIVITY PRESENCE	23.09.2005
139405	ALU	200610115785.2	ZL200610115785.2	CN	CONFERENCE ACTIVITY PRESENCE	17.08.2006
121117	ALU	11/487306	US7684325	US	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	17.07.2006
139418	ALU	11/316001	US9077818	US	TERMINATION CIRCUITRY TO MIGRATE FROM POTS TO VOIP WITHOUT TRUCK ROLL OUT	22.12.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139418	ALU	200610065542.2	ZL10065542.2	CN	TERMINATION CIRCUITRY TO MIGRATE FROM POTS TO VOIP WITHOUT TRUCK ROLL OUT	20.03.2006
121096	ALU	11/295614	US7782748	US	AUTONOMOUS SPECTRUM BALANCING FOR DIGITAL SUBSCRIBER LINES.	07.12.2005
121096	ALU	200510130286.6	ZL200510130286.6	CN	AUTONOMOUS SPECTRUM BALANCING FOR DIGITAL SUBSCRIBER LINES.	08.12.2005
121108	ALU	11/293310	US8125894	US	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	05.12.2005
121108	ALU	200510130011.2	CN100450026C	CN	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	05.12.2005
121089	ALU	200510132674.8	ZL10132674.8	CN	LINE MEASUREMENT IN RT TO DERIVE TRANSMIT PSD AT THE RT.	20.12.2005
121037	ALU	200510134608.4	ZL200510134608.4	CN	INCREASED NUMBER OF POSSIBILITIES WHILE USING FEW PINS.	13.12.2005
121017	ALU	200510130579.4	ZL541847	CN	ENHANCED NOISE MEASUREMENT.	14.12.2005
150029	ALU	11/250455	US7647623	US	Application Layer Ingress Filtering	17.10.2005
137984	ALU	11/234169	US7889669	US	Equalized Network Latency For Multi-Player Gaming	26.09.2005
137945	ALU	11/234167	US7974308	US	Interworking Circuit Emulation Service Over Packet (CESoP)and IP/MPLS Packet Processing	26.09.2005
120810	ALU	02292592.9	EP1411361	GB	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	18.10.2002
120810	ALU	02292592.9	EP1411361	ES	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	18.10.2002
120810	ALU	02292592.9	EP1411361	NL	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	18.10.2002
120810	ALU	02292592.9	EP1411361	IT	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	18.10.2002
120810	ALU	02292592.9	EP1411361	DE	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	18.10.2002
120810	ALU	02292592.9	EP1411361	FR	PREPROCESSING OF THE MEASURED S11 SCATTERING PARAMETER FOR SUBSCRIBER LINE IDENTIFICATION.	18.10.2002
111762	ALU	01440271.3	EP1191768	ES	Mobile Terminal Display Control (MPD)	20.08.2001
105478	ALU	2005323167	JP4669773	JP	Sanity Proved BGP-update message	08.11.2005
105478	ALU	200510117790.2	ZL200510117790.2	CN	Sanity Proved BGP-update message	10.11.2005
114458	ALU	200610115749.6	ZL200610115749.6	CN	Intelligent Encapsulation and Processing Layer for Signalling Protocols	15.08.2006
114755	ALU	11/517308	US7593826	US	calibration method for smart antenna systems	08.09.2006
114755	ALU	2006253816	JP5344788	JP	calibration method for smart antenna systems	20.09.2006
114755	ALU	200610153895.8	ZL200610153895.8	CN	calibration method for smart antenna systems	14.09.2006
105786	ALU	11/583893	US7609730	US	HALF-RATE MULTIPLEXER ARCHITECTURE SUITABLE TO HIGHER BIT-RATE	20.10.2006
120959	ALU	04290024.1	EP1553743	GB	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
120959	ALU	04290024.1	EP1553743	ES	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
120959	ALU	04290024.1	EP1553743	NL	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
120959	ALU	04290024.1	EP1553743	IT	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
120959	ALU	04290024.1	EP1553743	DE	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
120959	ALU	04290024.1	EP1553743	FR	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
137835	ALU	11/259167	US7542432	US	Improved Neighbour Start-up Synchronization	27.10.2005
134202	ALU	200510117131.9	ZL200510117131.9	CN	PORT RE-ENABLING BY MONITORING LINK STATUS	01.11.2005
114739	ALU	2005135117/09	RU2395907	RU	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	11.11.2005
114739	ALU	2005/012111	MX254186	MX	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	10.11.2005
114739	ALU	3000/DEL/2005		IN	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	09.11.2005
150117	ALU	11/264475	US7583689	US	Distributed Architecture of an Expandable Access Node	01.11.2005
114571	ALU	200510127955.4	ZL200510127955.4	CN	Distributed PON TDR	07.12.2005
150024	ALU	11/268822	US7907518	US	Method For Providing Isolation Between Traffic Flows/Channels On A Highly Channelized Physical Medium	08.11.2005
139406	ALU	11/268362		US	CONFERENCE PRESENCE BASED MUSIC ON HOLD SUPPRESSION	07.11.2005
139406	ALU	200610143797.6	ZL200610143797.6	CN	CONFERENCE PRESENCE BASED MUSIC ON HOLD SUPPRESSION	06.11.2006
120731	ALU	11/289329	US7457388	US	CLOCK DISTRIBUTION.	30.11.2005
129283	ALU	05300911.4		EP	MULTISERVICE ACCESS NETWORKS : COMBINED MULTISERVICE LINE TERMINATION	10.11.2005
139314	ALU	200510131857.8	ZL10131857.8	CN	PRESENCE AND PREFERENCE ENABLED AND AUTOMATICALLY CUSTOMIZABLE CALL RESPONSE USING CALLER'S PREFERRED CONTACTING CHANNEL(S)	15.12.2005
114393	ALU	2006102661	RU2390958	RU	Multi-Modal Proxy System	10.05.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
105952	ALU	11/560463	US7702243	US	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	16.11.2006
105952	ALU	200610148516.6	ZL200610148516.6	CN	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	17.11.2006
139407	ALU	11/274434	US7974399	US	PRESENCE BASED WHISPER CALLS	15.11.2005
139287	ALU	200510132682.2	ZL200510132682.2	CN	CTI-ENABLED SIP PHONES FOR CALL CENTER FUNCTIONS	20.12.2005
120959	ALU	04290024.1	EP1553743	CZ	INCREASING RELIABILITY OF THE BIT SWAP CHANNEL IN DSL.	06.01.2004
134225	ALU	11/288680	US8010994	US	PROVIDING DEDICATED VLAN ACCESS FOR NON-802.1X CAPABLE DEVICES TO CO-EXIST WITH 802.1X CLIENTS ON AN 802.1X ENABLED AUTHENTICATION NETWORK ACCESS PORT	29.11.2005
120377	ALU	00440159.2	EP1130873	GB	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
120377	ALU	00440159.2	EP1130873	IT	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
120377	ALU	00440159.2	EP1130873	DE	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
120377	ALU	00440159.2	EP1130873	FR	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
134203	ALU	11/291347	US7555562	US	METHOD FOR REMOTE PORT MONITORING	01.12.2005
139348	ALU	11/292825	US8054799	US	SEAMLESS MOBILITY IN L2 RAN FOR WIRELESS NETWORKS	05.12.2005
105680	ALU	200610058679.5	ZL200610058679.5	CN	GUIDED DIAGNOSIS TREE REFINEMENT	08.03.2006
105225	ALU	10/568743	US7580700	US	RACH SLOTTED ALOHA RECEPTION METHOD	30.06.2004
105225	ALU	200480024070.5	ZL688926	CN	RACH SLOTTED ALOHA RECEPTION METHOD	30.06.2004
150038	ALU	11/301590	US7715307	US	Graceful Restart For Source and Destination SPVCs	13.12.2005
114620	ALU	11/583019	US7355787	US	High power double stage submarine EDFA	19.10.2006
114620	ALU	200610143197.X	ZL200610143197.X	CN	High power double stage submarine EDFA	02.11.2006
104624	ALU	04291369.9	EP1494383	GB	OPTICAL CHANNEL SHARED PROTECTION RING CONTROL SCHEME WITHOUT K BYTE PROTOCOL IN METROPOLITAN NETWORKS	01.06.2004
104624	ALU	04291369.9	EP1494383	DE	OPTICAL CHANNEL SHARED PROTECTION RING CONTROL SCHEME WITHOUT K BYTE PROTOCOL IN METROPOLITAN NETWORKS	01.06.2004
104624	ALU	04291369.9	EP1494383	FR	OPTICAL CHANNEL SHARED PROTECTION RING CONTROL SCHEME WITHOUT K BYTE PROTOCOL IN METROPOLITAN NETWORKS	01.06.2004
134187	ALU	200510132972.7	ZL200510132972.7	CN	TRAFFIC GENERATOR/MONITOR MODE	29.12.2005
106098	ALU	11/612188	US7586454	US	METHOD AND DEVICE TO ENSURE THE POLARIZATION PERFORMANCE IN CIRCULAR WAVEGUIDE PIPE FOR MICROWAVE DUAL REFLECTOR ANTENNAS	18.12.2006
106098	ALU	200610064290.1	ZL200610064290.1	CN	METHOD AND DEVICE TO ENSURE THE POLARIZATION PERFORMANCE IN CIRCULAR WAVEGUIDE PIPE FOR MICROWAVE DUAL REFLECTOR ANTENNAS	19.12.2006
134195	ALU	200510134000.1	ZL200510134000.1	CN	RETAINING USAGE OF THE PRIMARY ROUTER MAC ADDRESS THROUGH OUT MULTIPLE FAILURE OF THE PRIMARY ELEMENT OF A STACK OF SWITCHES/ROUTERS	30.12.2005
134157	ALU	200510133998.3	ZL200510133998.3	CN	LADDER STRUCTURE FOR ECHO CANCELLATION APPLICATIONS	30.12.2005
131310	ALU	11/610515	US8165174	US	NEW METHOD TO PASS A SYNCHRONISM BETWEEN TWO DIFFERENT CLOCK DOMAINS	14.12.2006
131310	ALU	200610064374.5	ZL200610064374.5	CN	NEW METHOD TO PASS A SYNCHRONISM BETWEEN TWO DIFFERENT CLOCK DOMAINS	14.12.2006
150073	ALU	11/305111	US7525929	US	FastSATME: A Faster Simulated Annealing For Traffic Matrix Estimation (SATME) Method	19.12.2005
150073	ALU	200610064435.8	ZL200610064435.8	CN	FastSATME: A Faster Simulated Annealing For Traffic Matrix Estimation (SATME) Method	19.12.2006
121238	ALU	05292810.8		EP	TV ASSISTED IVR	23.12.2005
121238	ALU	11/613347	US8379805	US	TV ASSISTED IVR	20.12.2006
121131	ALU	05292808.2		EP	SYNCHRONIZED SELT (SINGLE ENDED LINE TESTING)	23.12.2005
121131	ALU	11/612675	US8041009	US	SYNCHRONIZED SELT (SINGLE ENDED LINE TESTING)	19.12.2006
121131	ALU	200610168780.6	ZL200610168780.6	CN	SYNCHRONIZED SELT (SINGLE ENDED LINE TESTING)	20.12.2006
106185	ALU	11/612680	US7751720	US	AUTOMATIC CHROMATIC DISPERSION TUNING FOR FLEXIBLE SYSTEMS USING RAMAN DISTRIBUTED CO-PUMPING	19.12.2006
106185	ALU	200610168741.6	ZL200610168741.6	CN	AUTOMATIC CHROMATIC DISPERSION TUNING FOR FLEXIBLE SYSTEMS USING RAMAN DISTRIBUTED CO-PUMPING	19.12.2006
139417	ALU	11/315514	US8879691	US	AUTONOMOUS METALLIC SUPERVISION WITH SEALING CURRENT	22.12.2005
137816	ALU	200610000592.2	ZL200610000592.2	CN	Pre-computed Paths for Policy-Based Routing	11.01.2006
139346	ALU	11/305560	US7652991	US	DISTRIBUTED DENIAL OF SERVICE (DDOS) MITIGATION IN 802.1X AUTHENTICATION	16.12.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
134210	ALU	200510133999.8	ZL200510133999.8	CN	LADDER STRUCTURE FOR ECHO CANCELLATION APPLICATIONS	30.12.2005
114172	ALU	03292201.5	EP1513320	GB	Common interaction server	05.09.2003
114172	ALU	03292201.5	EP1513320	DE	Common interaction server	05.09.2003
114172	ALU	03292201.5	EP1513320	FR	Common interaction server	05.09.2003
137926	ALU	200610092892.8	ZL200610092892.8	CN	Decentralized Architecture for ATM-Based Bonding of xDSL Lines	09.02.2006
121130	ALU	11/366381	US7702080	US	LOCALISING HOME NETWORK FAULT.	03.03.2006
121130	ALU	200610057874.6	ZL533441	CN	LOCALISING HOME NETWORK FAULT.	01.03.2006
139444	ALU	11/337372	US7609709	US	VIDEO AWARE TRAFFIC MANAGEMENT WITHIN BROADBAND COMMUNICATIONS ACCESS NETWORK EQUIPMENT **NIST PROJECT GOVERNMENT FUNDING **	23.01.2006
139444	ALU	200710004301.1	ZL10004301.1	CN	VIDEO AWARE TRAFFIC MANAGEMENT WITHIN BROADBAND COMMUNICATIONS ACCESS NETWORK EQUIPMENT **NIST PROJECT GOVERNMENT FUNDING **	22.01.2007
139444	ALU	07000861.0		EP	VIDEO AWARE TRAFFIC MANAGEMENT WITHIN BROADBAND COMMUNICATIONS ACCESS NETWORK EQUIPMENT **NIST PROJECT GOVERNMENT FUNDING **	17.01.2007
106036	ALU	06300062.4		EP	METHOD FOR COMPOSING A WEB SERVICE	24.01.2006
150019	ALU	11/324648		US	Network Security Using Recursive Statistics Collection	03.01.2006
150019	ALU	200610130941.2	ZL200610130941.2	CN	Network Security Using Recursive Statistics Collection	29.12.2006
150023	ALU	200610008961.2	ZL200610008961.2	CN	Off-grid Decoupling of BGA Devices	25.01.2006
114324	ALU	04291693.2	EP1613123	GB	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	02.07.2004
114324	ALU	04291693.2	EP1613123	DE	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	02.07.2004
114324	ALU	04291693.2	EP1613123	FR	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	02.07.2004
113800	ALU	02360343.4	EP1429483	GB	Signaling of Defects for HW Supported Protection Switching Inside an Optical Cross-Connect System	12.12.2002
113800	ALU	02360343.4	EP1429483	DE	Signaling of Defects for HW Supported Protection Switching Inside an Optical Cross-Connect System	12.12.2002
150088	ALU	11/347883	US8793585	US	Object Well For Network Management System GUI	06.02.2006
121239	ALU	06290224.2		EP	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	07.02.2006
121284	ALU	06300137.4		EP	EXTENDED ADF SOLUTION	14.02.2006
135957	ALU	11/354525	US7639697	US	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	15.02.2006
121028	ALU	11/395219	US8085981	US	CONTEXT INTERACTION SYSTEM.	03.04.2006
121028	ALU	200682157	JP5000164	JP	CONTEXT INTERACTION SYSTEM.	24.03.2006
121028	ALU	200610066391.2	ZL423795	CN	CONTEXT INTERACTION SYSTEM.	06.04.2006
150153	ALU	11/354972	US7255569	US	Flexible Connector Pinout Design for Multiple-Variant Circuit Boards Optimized for Cost and Space	16.02.2006
121270	ALU	200710078812.8	ZL200710078812.8	CN	DEDICATED ADVERTISEMENT CHANNEL.	15.02.2007
150184	ALU	11/362348	US7526702	US	Improved RAM Test Coverage	27.02.2006
135718	ALU	11/365386	US7593511	US	METHODS AND APPARATUSES FOR TRAINING LINES SO AS TO PREVENT LINK DEGRADE	01.03.2006
106001	ALU	200610164503.8	ZL200610164503.8	CN	Asynchronous, dynamic pseudo-multicast transmission for multimedia content	06.12.2006
150195	ALU	11/366661	US7487344	US	Implementing a Microprocessor Boot Configuraton Prom Within an FPGA	03.03.2006
131283	ALU	11/384493	US7742403	US	DEADLOCK DETECTION IN AN ASON NETWORK	21.03.2006
131283	ALU	200610065426.0	ZL200610065426.0	CN	DEADLOCK DETECTION IN AN ASON NETWORK	21.03.2006
120108	ALU	11/356425	USRE40823	US	DATA RATE ADAPTATION CELLS.	17.02.2006
114609	ALU	11/583018	US7411727	US	Control signal for Raman gain tuning	19.10.2006
114609	ALU	200610143133.X	ZL200610143133.X	CN	Control signal for Raman gain tuning	01.11.2006
150164	ALU	11/378839	US7650546	US	Flexible JTAG Architecture For Programming and Debug	17.03.2006
106241	ALU	11/622260	US7751433	US	UNIVERSAL PACKET TRANSPORT	11.01.2007
150174	ALU	11/386809	US7747954	US	L3VPN Connectivity Verification	23.03.2006
114621	ALU	11/583020	US8041228	US	DQPSK transponder stabilization	19.10.2006
114621	ALU	200610146794.8	ZL200610146794.8	CN	DQPSK transponder stabilization	24.11.2006
132278	ALU	11/278501	US8204063	US	TECHNIQUE TO MANAGE REMOTE IP NEs THROUGH THE SONET DCC	03.04.2006
139359	ALU	11/379410	US7197334	US	METHOD AND ARCHITECTURE FOR PROVIDING TECHNOLOGY INDEPENDENT WIRELESS SERVICES MIGRATION	20.04.2006
139343	ALU	200610079009.1	ZL200610079009.1	CN	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	28.04.2006
114622	ALU	11/583021	US7382525	US	constant gain EDFA with fixed tilt loss compensation	19.10.2006

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114622	ALU	200610148634.7	ZL200610148634.7	CN	constant gain EDFA with fixed tilt loss compensation	20.11.2006
139433	ALU	11/279267	US8150014	US	METHOD FOR ESCALATING VOICE-ONLY PBX CALLS TO VOICE-DATA CONFERENCE BRIDGE CALLS	11.04.2006
114805	ALU	11/640936	US7738923	US	Device selection for extensible services by using two level resource reservation	19.12.2006
114805	ALU	200710001359.0	ZL200710001359.0	CN	Device selection for extensible services by using two level resource reservation	11.01.2007
150123	ALU	11/403322	US7970105	US	Narrowband Testing in DSLAM	13.04.2006
150211	ALU	11/408857	US7609630	US	Fast Packet Analysis	21.04.2006
131302	ALU	1863028	ZL200610080205.0	CN	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2006
150231	ALU	11/416197	US7779176	US	External Management of Shared Slots	03.05.2006
139356	ALU	10/596264	US8077731	US	INTERWORKING PACKET-BASED TANDEM FREE OPERATION (TFO) WITH NON-TFO CAPABLE NETWORKS	09.12.2004
139356	ALU	200480041457.1	ZL200480041457.1	CN	INTERWORKING PACKET-BASED TANDEM FREE OPERATION (TFO) WITH NON-TFO CAPABLE NETWORKS	09.12.2004
139422	ALU	11/383741	US7733794	US	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	16.05.2006
139422	ALU	200610092261.6	ZL200610092261.6	CN	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	17.06.2006
150262	ALU	11/434800	US8576855	US	Port Association For Port Operational Status Event Monitoring	17.05.2006
137986	ALU	200610092895.1	ZL200610092895.1	CN	Packet Classification Acceleration Using Spectral Analysis	26.05.2006
140571	ALU	11/452263	US7590749	US	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006
139384	ALU	200610093172.3	ZL10093172.3	CN	CELLPHONE BASED ANTI-SPAM SCHEME	23.06.2006
150281	ALU	11/383852	US8086723	US	ISAM Test Resource Manager For Control Of Local And Remote Internal Test Heads	17.05.2006
150194	ALU	11/443413	US7573834	US	Enhanced Bonding Group Rate Split Scheme	31.05.2006
114603	ALU	11/565828	US8032141	US	Enhancements to the method for improving mobility in discontinuous coverage networks	01.12.2006
150109	ALU	11/450348	US7697418	US	Fannie - A Probabilistic Algorithm for Estimating the Fan-In of a Node	12.06.2006
105657	ALU	200610101772.X	ZL200610101772.X	CN	STRUCTURE AND PROCESSING OF AN ELECTRO-ABSORPTION MODULATED LASER SUITABLE FOR LOW COST, COOLER-LESS, HIGH SPEED TRANSMITTERS	10.07.2006
104048	ALU	03290720.6	EP1349416	GB	ON THE FLY DATA INSERTION	21.03.2003
104048	ALU	03290720.6	EP1349416	DE	ON THE FLY DATA INSERTION	21.03.2003
104048	ALU	03290720.6	EP1349416	FR	ON THE FLY DATA INSERTION	21.03.2003
106089	ALU	200610126535.9	ZL200610126535.9	CN	Bump In The Stack SEND implementation	25.08.2006
106089	ALU	11/508188	US7747849	US	Bump In The Stack SEND implementation	23.08.2006
139482	ALU	11/427076	US7693081	US	INTEGRATED DSLAM IPTV TEST MONITOR	28.06.2006
134061	ALU	11/427513	US8737272	US	SIP Call Routing Using Information from INVITE Message Body	29.06.2006
121129	ALU	200610129000.7	ZL200610129000.7	CN	DETECTING MISSING DSL FILTER/SPLITTER.	05.09.2006
137824	ALU	200580009135.3	ZL200580009135.3	CN	Shared Via Decoupling for High-Speed Components	20.01.2005
150029	ALU	200610136325.8	ZL200610136325.8	CN	Application Layer Ingress Filtering	16.10.2006
104923	ALU	04290225.4	EP1445829	GB	IMPROVED SUBREFLECTOR	28.01.2004
104923	ALU	04290225.4	EP1445829	IT	IMPROVED SUBREFLECTOR	28.01.2004
104923	ALU	04290225.4	EP1445829	DE	IMPROVED SUBREFLECTOR	28.01.2004
104923	ALU	04290225.4	EP1445829	FR	IMPROVED SUBREFLECTOR	28.01.2004
121117	ALU	200610126499.6	ZL200610126499.6	CN	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	01.09.2006
131320	ALU	11/768672	US7836358	US	Method for improving SNMP error management	26.06.2007
106140	ALU	11/775677	US7689121	US	OPTICAL TIME-TO-LIVE	10.07.2007
106140	ALU	200710128149.8	ZL200710128149.8	CN	OPTICAL TIME-TO-LIVE	09.07.2007
150315	ALU	11/482706	US7634631	US	At-Speed Statistics Collection Using External Memories	10.07.2006
114984	ALU	11/747218	US8750822	US	Emergency services capitalizing on location information statistics in case of wireless network failure	10.05.2007
150282	ALU	11/482697	US7543171	US	Dynamic Temperature Compensation For A Source Synchronous Interface	10.07.2006
129228	ALU	00500265.4	EP1223689	FR	Satellite transmission de fichiers multimedia.	21.12.2000
129228	ALU	00500265.4	EP1223689	DE	Satellite transmission de fichiers multimedia.	21.12.2000
129228	ALU	00500265.4	EP1223689	LU	Satellite transmission de fichiers multimedia.	21.12.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
129228	ALU	00500265.4	EP1223689	ES	Satellite transmission de fichiers multimedia.	21.12.2000
129228	ALU	00500265.4	EP1223689	GB	Satellite transmission de fichiers multimedia.	21.12.2000
150289	ALU	11/498722	US8996668	US	Pluggable Node	04.08.2006
115166	ALU	200710109156.3	ZL200710109156.3	CN	Tuneable filter control in SDR- Base Stations using the predistortion feedback chain	14.06.2007
115166	ALU	11/749437	US7647027	US	Tuneable filter control in SDR- Base Stations using the predistortion feedback chain	16.05.2007
115153	ALU	200710126962.1	ZL200710126962.1	CN	Virtual conference phone	02.07.2007
115153	ALU	11/752607		US	Virtual conference phone	23.05.2007
150278	ALU	11/496995	US8345683	US	Improved Assert In PIM-SM	31.07.2006
114041	ALU	04290973.9	EP1585237	FR	Generation of NRZ duobinary using a MZ optical filter	08.04.2004
114041	ALU	04290973.9	EP1585237	DE	Generation of NRZ duobinary using a MZ optical filter	08.04.2004
114041	ALU	04290973.9	EP1585237	GB	Generation of NRZ duobinary using a MZ optical filter	08.04.2004
139487	ALU	11/469223	US7843845	US	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	31.08.2006
139501	ALU	11/466516	US7808887	US	VPLS MULTICAST OPTIMIZATION TO AVOID PACKET REPLICATION DURING FAILURE	23.08.2006
150148	ALU	11/519071	US7469317	US	An innovative search architecture for URLs or similar fields	12.09.2006
113387	ALU	02360220.4	EP1385278	FR	Method to control transmission parameters of a WDM system depending on measurements outside the WDM system	22.07.2002
113387	ALU	02360220.4	EP1385278	DE	Method to control transmission parameters of a WDM system depending on measurements outside the WDM system	22.07.2002
113387	ALU	02360220.4	EP1385278	GB	Method to control transmission parameters of a WDM system depending on measurements outside the WDM system	22.07.2002
105296	ALU	200580010696.5	ZL200580010696.5	CN	MICROSTRUCTURED FIBRE WITH REDUCED LEAKAGE LOSSES	01.04.2005
105296	ALU	10/594924	US7627220	US	MICROSTRUCTURED FIBRE WITH REDUCED LEAKAGE LOSSES	01.04.2005
105225	ALU	04291657.7	EP1508981	FR	RACH SLOTTED ALOHA RECEPTION METHOD	30.06.2004
105225	ALU	04291657.7	EP1508981	DE	RACH SLOTTED ALOHA RECEPTION METHOD	30.06.2004
105225	ALU	04291657.7	EP1508981	IT	RACH SLOTTED ALOHA RECEPTION METHOD	30.06.2004
105225	ALU	04291657.7	EP1508981	GB	RACH SLOTTED ALOHA RECEPTION METHOD	30.06.2004
120548	ALU	01400832.0	EP1248383	FR	TDR BASED TRANSFER FUNCTION ESTIMATION OF LOCAL LOOP.	02.04.2001
120548	ALU	01400832.0	EP1248383	DE	TDR BASED TRANSFER FUNCTION ESTIMATION OF LOCAL LOOP.	02.04.2001
120548	ALU	01400832.0	EP1248383	IT	TDR BASED TRANSFER FUNCTION ESTIMATION OF LOCAL LOOP.	02.04.2001
120548	ALU	01400832.0	EP1248383	ES	TDR BASED TRANSFER FUNCTION ESTIMATION OF LOCAL LOOP.	02.04.2001
120548	ALU	01400832.0	EP1248383	GB	TDR BASED TRANSFER FUNCTION ESTIMATION OF LOCAL LOOP.	02.04.2001
139488	ALU	11/534445	US8160218	US	EVENT-DRIVEN SIP CALL GENERATION USING DATABASE TRIGGERS	22.09.2006
135866	ALU	02008458.8	EP1261223	AT	LOCATION ABSTACTION FOR LOCATION-BASED SERVICES	13.04.2002
135866	ALU	02008458.8	EP1261223	FR	LOCATION ABSTACTION FOR LOCATION-BASED SERVICES	13.04.2002
135866	ALU	02008458.8	EP1261223	DE	LOCATION ABSTACTION FOR LOCATION-BASED SERVICES	13.04.2002
135866	ALU	02008458.8	EP1261223	IT	LOCATION ABSTACTION FOR LOCATION-BASED SERVICES	13.04.2002
135866	ALU	02008458.8	EP1261223	ES	LOCATION ABSTACTION FOR LOCATION-BASED SERVICES	13.04.2002
135866	ALU	02008458.8	EP1261223	GB	LOCATION ABSTACTION FOR LOCATION-BASED SERVICES	13.04.2002
104527	ALU	04292957.0	EP1545079	FR	HANDLING INFORMATION FOR ROUTING OPTICAL NETWORKS	09.12.2004
104527	ALU	04292957.0	EP1545079	DE	HANDLING INFORMATION FOR ROUTING OPTICAL NETWORKS	09.12.2004
104527	ALU	04292957.0	EP1545079	IT	HANDLING INFORMATION FOR ROUTING OPTICAL NETWORKS	09.12.2004
104527	ALU	04292957.0	EP1545079	GB	HANDLING INFORMATION FOR ROUTING OPTICAL NETWORKS	09.12.2004
150117	ALU	200610064032.3	ZL200610064032.3	CN	Distributed Architecture of an Expandable Access Node	01.11.2006
106311	ALU	0608334	FR2906412	FR	DBR LASER WITH COMPRESSIVELY STRAINED MATERIAL PROVIDING ENHANCED TUNABILITY	22.09.2006
105610	ALU	200580017800.3	ZL200580017800.3	CN	NEAREST SERVER DETECTION	31.05.2005
137794	ALU	04300223.7	EP1473875	FR	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
137794	ALU	04300223.7	EP1473875	DE	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
137794	ALU	04300223.7	EP1473875	IT	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
131326	ALU	11/523553	US7465175	US	GIG-Array Connectors unhooking device	20.09.2006
139407	ALU	2006304841	JP5225575	JP	PRESENCE BASED WHISPER CALLS	10.11.2006
135780	ALU	02009322.5	EP1263242	FR	MULTIMEDIA CALL WAITING	02.05.2002
135780	ALU	02009322.5	EP1263242	DE	MULTIMEDIA CALL WAITING	02.05.2002
135780	ALU	02009322.5	EP1263242	IT	MULTIMEDIA CALL WAITING	02.05.2002
135780	ALU	02009322.5	EP1263242	GB	MULTIMEDIA CALL WAITING	02.05.2002
139407	ALU	200610148466.1	ZL200610148466.1	CN	PRESENCE BASED WHISPER CALLS	14.11.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
121127	ALU	200610143107.7	ZL10143107.7	CN	ADVANCED ADSL SPLITTER.	31.10.2006
121127	ALU	11/592310	US8165283	US	ADVANCED ADSL SPLITTER.	03.11.2006
105324	ALU	11/569045	US7965713	US	SUGGESTION MODE FOR BGP ROUTER AGGREGATION	13.05.2005
121018	ALU	04291996.9	EP1624638	FR	PROVIDE PROTOCOL BASES AND PORT BASED VLAN CONFIGURATION DYNAMICALLY FROM RADIUS SERVER.	05.08.2004
121018	ALU	04291996.9	EP1624638	DE	PROVIDE PROTOCOL BASES AND PORT BASED VLAN CONFIGURATION DYNAMICALLY FROM RADIUS SERVER.	05.08.2004
121018	ALU	04291996.9	EP1624638	IT	PROVIDE PROTOCOL BASES AND PORT BASED VLAN CONFIGURATION DYNAMICALLY FROM RADIUS SERVER.	05.08.2004
121018	ALU	04291996.9	EP1624638	NL	PROVIDE PROTOCOL BASES AND PORT BASED VLAN CONFIGURATION DYNAMICALLY FROM RADIUS SERVER.	05.08.2004
121018	ALU	04291996.9	EP1624638	GB	PROVIDE PROTOCOL BASES AND PORT BASED VLAN CONFIGURATION DYNAMICALLY FROM RADIUS SERVER.	05.08.2004
106330	ALU	0653675	FR2905771	FR	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	12.09.2006
120820	ALU	11/525970	US7307428	US	IMPROVE DYNAMIC RANGE OF SINGLE-ENDED LINE TESTING	25.09.2006
121336	ALU	200710153511.7	ZL10153511.7	CN	SINGLE COIL MULTIPLE ORDER DSL SPLITTER BASED ON COIL ENHANCEMENT.	20.09.2007
121336	ALU	11/855106	US7683704	US	SINGLE COIL MULTIPLE ORDER DSL SPLITTER BASED ON COIL ENHANCEMENT.	13.09.2007
106373	ALU	0653587	FR2905551	FR	QoS SERVER FOR WLAN AND WIRELESS CONVERGENCE	06.09.2006
106373	ALU	07115739.0		EP	QoS SERVER FOR WLAN AND WIRELESS CONVERGENCE	05.09.2007
129283	ALU	200610144532.8	ZL200610144532.8	CN	MULTISERVICE ACCESS NETWORKS : COMBINED MULTISERVICE LINE TERMINATION	10.11.2006
129283	ALU	11/557967	US8259754	US	MULTISERVICE ACCESS NETWORKS : COMBINED MULTISERVICE LINE TERMINATION	08.11.2006
139357	ALU	200580018686.6	ZL200580018686.6	CN	MEDIA GATEWAY INTERCONNECT ROUTING IN A SOFTSWITCH ENVIRONMENT	21.04.2005
139376	ALU	200580018382.X	ZL200580018382.X	CN	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
139357	ALU	10/599972	US7706802	US	MEDIA GATEWAY INTERCONNECT ROUTING IN A SOFTSWITCH ENVIRONMENT	21.04.2005
139358	ALU	200580018910.1	ZL200580018910.1	CN	MEDIA GATEWAY SELECTION IN A SOFTSWITCH ENVIRONMENT BASED ON TARGET BASE STATION	21.04.2005
132489	ALU	02007393.8	EP1251656	FR	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
132489	ALU	02007393.8	EP1251656	DE	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
132489	ALU	02007393.8	EP1251656	IT	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
132489	ALU	02007393.8	EP1251656	GB	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
139376	ALU	11/568069	US7941171	US	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
114259	ALU	04291397.0	EP1603208	FR	Tool for stripping off a jacket from tubes or cables	04.06.2004
114259	ALU	04291397.0	EP1603208	DE	Tool for stripping off a jacket from tubes or cables	04.06.2004
114259	ALU	04291397.0	EP1603208	IT	Tool for stripping off a jacket from tubes or cables	04.06.2004
114259	ALU	04291397.0	EP1603208	GB	Tool for stripping off a jacket from tubes or cables	04.06.2004
150110	ALU	11/585880	US7733790	US	Self-Test Mechanism For Access Multiplexers	25.10.2006
106137	ALU	0607393	FR2905036	FR	INTEGRATED AND TUNABLE FILTER TO ENLARGE THE OPTICAL BANDWIDTH OF SEMICONDUCTOR OPTICAL AMPLIFIERS	18.08.2006
106320	ALU	0653775	FR2906101	FR	PUBLIC TV SERVICES EXTENSION WITH MOBILE DEVICE	15.09.2006
106320	ALU	07115937.0		EP	PUBLIC TV SERVICES EXTENSION WITH MOBILE DEVICE	07.09.2007
131142	ALU	01401270.2	EP1158831	FR	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	DE	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	IT	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	ES	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	GB	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
139270	ALU	200580019607.3	ZL200580019607.3	CN	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	2007513193	JP4764420	JP	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
120272	ALU	99400201.2	EP1024591	FR	ADSL LINE DRIVER CIRCUIT.	28.01.1999
120272	ALU	99400201.2	EP1024591	DE	ADSL LINE DRIVER CIRCUIT.	28.01.1999
120272	ALU	99400201.2	EP1024591	IT	ADSL LINE DRIVER CIRCUIT.	28.01.1999
120272	ALU	99400201.2	EP1024591	GB	ADSL LINE DRIVER CIRCUIT.	28.01.1999
103191	ALU	01401724.8	EP1168685	FR	Dispersion compensating fiber	28.06.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
103191	ALU	01401724.8	EP1168685	DE	Dispersion compensating fiber	28.06.2001
103191	ALU	01401724.8	EP1168685	IT	Dispersion compensating fiber	28.06.2001
103191	ALU	01401724.8	EP1168685	GB	Dispersion compensating fiber	28.06.2001
139509	ALU	11/555736	US7539386	US	HINGED FIBER OPTIC CABLE ROUTING GUIDE	02.11.2006
104968	ALU	04290794.9	EP1469635	FR	CROSS-AREA END-TO-END FLOW MEASUREMENT SYSTEM BASED ON MULTI-TECHNOLOGY MONITORING	24.03.2004
104968	ALU	04290794.9	EP1469635	DE	CROSS-AREA END-TO-END FLOW MEASUREMENT SYSTEM BASED ON MULTI-TECHNOLOGY MONITORING	24.03.2004
104968	ALU	04290794.9	EP1469635	GB	CROSS-AREA END-TO-END FLOW MEASUREMENT SYSTEM BASED ON MULTI-TECHNOLOGY MONITORING	24.03.2004
139270	ALU	6581/DELNP/2006	IN279941	IN	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	PA/a/2006/013033	MX283857	MX	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	2006143638	RU2390947	RU	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
134122	ALU	03293349.1	EP1435707	FR	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
134122	ALU	03293349.1	EP1435707	DE	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
134122	ALU	03293349.1	EP1435707	IT	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
134122	ALU	03293349.1	EP1435707	GB	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
120897	ALU	03292316.1	EP1517473	FR	FILTERING AGENT FOR TRUSTED/ALLOWED PEERS IN ACCESS NETWORKS.	22.09.2003
120897	ALU	03292316.1	EP1517473	DE	FILTERING AGENT FOR TRUSTED/ALLOWED PEERS IN ACCESS NETWORKS.	22.09.2003
120897	ALU	03292316.1	EP1517473	GB	FILTERING AGENT FOR TRUSTED/ALLOWED PEERS IN ACCESS NETWORKS.	22.09.2003
139487	ALU	200610163987.4	ZL10163987.4	CN	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	27.11.2006
139348	ALU	200610163358.1	ZL200610163358.1	CN	SEAMLESS MOBILITY IN L2 RAN FOR WIRELESS NETWORKS	01.12.2006
139455	ALU	200610169252.2	ZL200610169252.2	CN	CUSTOM PRESENCE ICONS	21.12.2006
150038	ALU	200610064449.X	ZL10064449.X	CN	Graceful Restart For Source and Destination SPVCs	13.12.2006
113709	ALU	03290493.0	EP1458067	FR	Raman fiber laser with stable output power	03.03.2003
113709	ALU	03290493.0	EP1458067	DE	Raman fiber laser with stable output power	03.03.2003
113709	ALU	03290493.0	EP1458067	GB	Raman fiber laser with stable output power	03.03.2003
139417	ALU	200610169250.3	ZL10169250.3	CN	AUTONOMOUS METALLIC SUPERVISION WITH SEALING CURRENT	21.12.2006
114997	ALU	200710001991.5	ZL200710001991.5	CN	Transmission line made of plastic foil laminated with a metal layer	16.01.2007
114997	ALU	11/638487	US7683744	US	Transmission line made of plastic foil laminated with a metal layer	14.12.2006
114949	ALU	200710004390.X	ZL200710004390.X	CN	Software defined concept for a multi-band multi-standard transceiver for wireless communication base-stations	24.01.2007
114949	ALU	11/638502		US	Software defined concept for a multi-band multi-standard transceiver for wireless communication base-stations	14.12.2006
139069	ALU	03027240.5	EP1434460	FR	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	28.11.2003
139069	ALU	03027240.5	EP1434460	DE	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	28.11.2003
139069	ALU	03027240.5	EP1434460	GB	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	28.11.2003
105694	ALU	200580023522.2	ZL200580023522.2	CN	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
105694	ALU	11/570590	US7733946	US	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
135983	ALU	03013619.6	EP1379017	FR	HIGH-SPEED DATA-SIGNAL CLASSIFICATION USING LOW-FREQUENCY ELECTRICAL SPECTRAL FINGERPRINTING	16.06.2003
135983	ALU	03013619.6	EP1379017	DE	HIGH-SPEED DATA-SIGNAL CLASSIFICATION USING LOW-FREQUENCY ELECTRICAL SPECTRAL FINGERPRINTING	16.06.2003
135983	ALU	03013619.6	EP1379017	GB	HIGH-SPEED DATA-SIGNAL CLASSIFICATION USING LOW-FREQUENCY ELECTRICAL SPECTRAL FINGERPRINTING	16.06.2003
106054	ALU	11/617078	US7432852	US	SATELLITE BASED BTS	28.12.2006
137488	ALU	02293123.2	EP1322068	FR	IP Link Auto-Discovery	17.12.2002
137488	ALU	02293123.2	EP1322068	DE	IP Link Auto-Discovery	17.12.2002
137488	ALU	02293123.2	EP1322068	IT	IP Link Auto-Discovery	17.12.2002
137488	ALU	02293123.2	EP1322068	GB	IP Link Auto-Discovery	17.12.2002
121239	ALU	200710007026.9	ZL200710007026.9	CN	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	07.02.2007
121239	ALU	11/624958	US9455800	US	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	19.01.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
104305	ALU	03290240.5	EP1341360	FR	TRAFFIC ENGINEERING FOR MULTIPLE GATEWAY SELECTION	31.01.2003
104305	ALU	03290240.5	EP1341360	DE	TRAFFIC ENGINEERING FOR MULTIPLE GATEWAY SELECTION	31.01.2003
104305	ALU	03290240.5	EP1341360	IT	TRAFFIC ENGINEERING FOR MULTIPLE GATEWAY SELECTION	31.01.2003
104305	ALU	03290240.5	EP1341360	GB	TRAFFIC ENGINEERING FOR MULTIPLE GATEWAY SELECTION	31.01.2003
139058	ALU	04007606.9	EP1465314	FR	DC BLOCKING PROTECTOR WITH BYPASS	30.03.2004
139058	ALU	04007606.9	EP1465314	DE	DC BLOCKING PROTECTOR WITH BYPASS	30.03.2004
139058	ALU	04007606.9	EP1465314	GB	DC BLOCKING PROTECTOR WITH BYPASS	30.03.2004
101913	ALU	99402064.2	EP0982891	FR	OPTIMISED OPTICAL WAVELENGTH ADD DROP MULTIPLEXEUR	16.08.1999
101913	ALU	99402064.2	EP0982891	DE	OPTIMISED OPTICAL WAVELENGTH ADD DROP MULTIPLEXEUR	16.08.1999
101913	ALU	99402064.2	EP0982891	GB	OPTIMISED OPTICAL WAVELENGTH ADD DROP MULTIPLEXEUR	16.08.1999
135815	ALU	11/620905	US7313088	US	COMMON PROTECTION ARCHITECTURE ON SHARED PROTECTION RINGS	08.01.2007
120454	ALU	00401853.7	EP1168720	FR	Use of ATM header fields for process addressing and in-band control	28.06.2000
120454	ALU	00401853.7	EP1168720	DE	Use of ATM header fields for process addressing and in-band control	28.06.2000
120454	ALU	00401853.7	EP1168720	IT	Use of ATM header fields for process addressing and in-band control	28.06.2000
120454	ALU	00401853.7	EP1168720	GB	Use of ATM header fields for process addressing and in-band control	28.06.2000
120868	ALU	03291538.1	EP1492381	FR	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	DE	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	IT	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	ES	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	GB	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
121347	ALU	200710160418.9	ZL200710160418.9	CN	NETWORK PRESENCE AWARE IPTV SERVICES	19.12.2007
121347	ALU	11/958366		US	NETWORK PRESENCE AWARE IPTV SERVICES	17.12.2007
105480	ALU	11/572904	US8149718	US	SELF-REPAIR : SEMI-AUTOMATIC TROUBLE TRACKING AND RESOLUTION OF NETWORK FAILURES	01.07.2005
113409	ALU	02360221.2	EP1385240	FR	Raman laser with improved efficiency	24.07.2002
113409	ALU	02360221.2	EP1385240	DE	Raman laser with improved efficiency	24.07.2002
113409	ALU	02360221.2	EP1385240	GB	Raman laser with improved efficiency	24.07.2002
800994	ALU	11/169948	US8494539	US	CONGESTION MANAGEMENT IN RADIO ACCESS NETWORKS	30.06.2005
105189	ALU	03293270.9	EP1545080	FR	OPTIMAL TRANSFER OF SDH/SONET FRAMES OVER A MPLS NETWORK USING AN AUTO-ADAPTIVE LOAD BALANCING SESSION	19.12.2003
105189	ALU	03293270.9	EP1545080	DE	OPTIMAL TRANSFER OF SDH/SONET FRAMES OVER A MPLS NETWORK USING AN AUTO-ADAPTIVE LOAD BALANCING SESSION	19.12.2003
105189	ALU	03293270.9	EP1545080	IT	OPTIMAL TRANSFER OF SDH/SONET FRAMES OVER A MPLS NETWORK USING AN AUTO-ADAPTIVE LOAD BALANCING SESSION	19.12.2003
105189	ALU	03293270.9	EP1545080	GB	OPTIMAL TRANSFER OF SDH/SONET FRAMES OVER A MPLS NETWORK USING AN AUTO-ADAPTIVE LOAD BALANCING SESSION	19.12.2003
121053	ALU	04291831.8	EP1617619	FR	SECURED MAC LEARNING	16.07.2004
121053	ALU	04291831.8	EP1617619	DE	SECURED MAC LEARNING	16.07.2004
121053	ALU	04291831.8	EP1617619	IT	SECURED MAC LEARNING	16.07.2004
121053	ALU	04291831.8	EP1617619	GB	SECURED MAC LEARNING	16.07.2004
150139	ALU	11/654615	US8369339	US	XML Tagged 3rd Party Transport Payment Mechanism	18.01.2007
120775	ALU	02291586.2	EP1376926	FR	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2002
120775	ALU	02291586.2	EP1376926	DE	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2002
120775	ALU	02291586.2	EP1376926	GB	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2002
120877	ALU	03292986.1	EP1538800	FR	INTELLIGENT ECHO REDUCTION AGENT	01.12.2003
120877	ALU	03292986.1	EP1538800	DE	INTELLIGENT ECHO REDUCTION AGENT	01.12.2003
120877	ALU	03292986.1	EP1538800	IT	INTELLIGENT ECHO REDUCTION AGENT	01.12.2003
120877	ALU	03292986.1	EP1538800	ES	INTELLIGENT ECHO REDUCTION AGENT	01.12.2003
120877	ALU	03292986.1	EP1538800	GB	INTELLIGENT ECHO REDUCTION AGENT	01.12.2003
120797	ALU	02293229.7	EP1434347	FR	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
120797	ALU	02293229.7	EP1434347	DE	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
120797	ALU	02293229.7	EP1434347	IT	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
120797	ALU	02293229.7	EP1434347	GB	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
800987	ALU	11/588384	US8650336	US	DMA BASED TIMER SUBSYSTEM	27.10.2006
800988	ALU	10/961058	US7307453	US	METHOD AND SYSTEM FOR PARALLEL STATE MECHINE IMPLEMENTATION	12.10.2004
105299	ALU	200580030060.7	ZL200580030060.7	CN	MODE CONVERTER	04.08.2005
105299	ALU	2007530690	JP5285908	JP	MODE CONVERTER	04.08.2005
105299	ALU	11/574803	US7835603	US	MODE CONVERTER	04.08.2005
102819	ALU	01400640.7	EP1134954	FR	Resources allocation based on a weighted fair queuing in a radiocommunications system.	12.03.2001
102819	ALU	01400640.7	EP1134954	DE	Resources allocation based on a weighted fair queuing in a radiocommunications system.	12.03.2001
102819	ALU	01400640.7	EP1134954	GB	Resources allocation based on a weighted fair queuing in a radiocommunications system.	12.03.2001
129127	ALU	00401545.9	EP1065898	FR	PACKET IN WIRELESS NETWORK	31.05.2000
129127	ALU	00401545.9	EP1065898	DE	PACKET IN WIRELESS NETWORK	31.05.2000
129127	ALU	00401545.9	EP1065898	CH	PACKET IN WIRELESS NETWORK	31.05.2000
129127	ALU	00401545.9	EP1065898	GB	PACKET IN WIRELESS NETWORK	31.05.2000
800981	ALU	0404393	FR2869496	FR	Method for controlling transmission power on communication channels and base station to implement the method	26.04.2004
800981	ALU	11/114809	US7634289	US	Method for controlling transmission power on communication channels and base station to implement the method	26.04.2005
800979	ALU	10/887264	US7157963	US	METHODS AND APPARATUS FOR CONTROLLING THE OUTPUT VOLTAGE OF A SWITCHED-MODE POWER SUPPLY	08.07.2004
113150	ALU	01440225.9	EP1278314	FR	Procedure for Q-factor measurement on optical burst signals	17.07.2001
113150	ALU	01440225.9	EP1278314	DE	Procedure for Q-factor measurement on optical burst signals	17.07.2001
113150	ALU	01440225.9	EP1278314	IT	Procedure for Q-factor measurement on optical burst signals	17.07.2001
113150	ALU	01440225.9	EP1278314	GB	Procedure for Q-factor measurement on optical burst signals	17.07.2001
800972	ALU	10/980721	US7599326	US	Method for distributing a set of data, radiocommunication network and wireless station for implementing the method	03.11.2004
800971	ALU	0311248	FR2860381	FR	Method of allocating resources in a radiocommunication system and base station for implementing the said method	25.09.2003
800971	ALU	10/948912	US7397767	US	Method of allocating resources in a radiocommunication system and base station for implementing the said method	24.09.2004
800968	ALU	10/728875	US7082302	US	METHODS AND SYSTEMS FOR COMBINING DATA FRAMES IN DIVERSITY HAND-OFF	08.12.2003
800967	ALU	10/728874	US7240175	US	SCEDULING DATA FRAMES FOR PROCESSING : APPARATUS, SYSTEM AND METHOD	08.12.2003
800963	ALU	10/860256	US7113782	US	METHOD AND DEVICE FOR SELECTING PARAMETERS FOR A CELLULAR RADIO COMMUNICATION NETWORK BASED ON OCCURRENCE FREQUENCIES	03.06.2004
800958	ALU	10/780403	US7418260	US	Method of controlling a mode of reporting of measurements on a radio	17.02.2004
121053	ALU	04291831.8	EP1617619	ES	SECURED MAC LEARNING	16.07.2004
112046	ALU	02360117.2	EP1351527	FR	TOPOLOGY SERVER	03.04.2002
112046	ALU	02360117.2	EP1351527	DE	TOPOLOGY SERVER	03.04.2002
112046	ALU	02360117.2	EP1351527	GB	TOPOLOGY SERVER	03.04.2002
800941	ALU	10/436064	US7103310	US	Method for restricting the use of a radio terminal and associated restriction device	13.05.2003
800947	ALU	10/654182	US7433386	US	Method for allocating resources in a radio communication system using spatial division and apparatus implementing the method	03.09.2003
137401	ALU	02292312.2	EP1298863	FR	CELL ROUTING INTERNAL HEADER TO SUPPORT IS SWITCH FABRIC UPGRADE	20.09.2002
137401	ALU	02292312.2	EP1298863	DE	CELL ROUTING INTERNAL HEADER TO SUPPORT IS SWITCH FABRIC UPGRADE	20.09.2002
137401	ALU	02292312.2	EP1298863	GB	CELL ROUTING INTERNAL HEADER TO SUPPORT IS SWITCH FABRIC UPGRADE	20.09.2002
801008	ALU	9714717	FR2771585	FR	PRIVATE BASE STATION FOR MOBILE PHONE	24.11.1997
801008	ALU	98955713.7	EP1033046	GB	PRIVATE BASE STATION FOR MOBILE PHONE	28.11.1998
801008	ALU	09/555324	US6615035	US	PRIVATE BASE STATION FOR MOBILE PHONE	20.09.2000
801010	ALU	09/107354	US6216010	US	UP-LINK POWER CONTROL FOR FIXED WIRELESS ACCESS	30.06.1998
120270	ALU	99400210.3	EP1024592	FR	ADSL LINE DRIVER.	29.01.1999
120270	ALU	99400210.3	EP1024592	DE	ADSL LINE DRIVER.	29.01.1999
120270	ALU	99400210.3	EP1024592	IT	ADSL LINE DRIVER.	29.01.1999
120270	ALU	99400210.3	EP1024592	GB	ADSL LINE DRIVER.	29.01.1999
800953	ALU	10/718423	US7372920	US	Method for detecting a signal and receiver system for the implementation of the method	20.11.2003
800955	ALU	10/807664	US7613230	US	Method of processing a signal by a radio receiver and radio receiver for the implementation of the method	24.03.2004
800932	ALU	10/001877	US6961395	US	Time variant filter implementation	16.11.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
800923	ALU	10/416175	US8126404	US	METHOD AND DEVICE FOR EVALUATING THE ENERGY LEVEL OF A RADIO SIGNAL	07.11.2001
800925	ALU	0016925	FR2818835	FR	Signal receiver for digital signals with spectral spreading includes preliminary and further symbol estimation based on instantaneous amplitudes	22.12.2000
800925	ALU	10/024953	US6925110	US	Signal receiver for digital signals with spectral spreading includes preliminary and further symbol estimation based on instantaneous amplitudes	19.12.2001
800928	ALU	0100487	FR2819661	FR	Mobile radio communications digital word transmission having receipt signal sent showing correct transmission/where incorrect receipt sending redundant blocks/where non coherent reception indicated starting transmission command.	15.01.2001
800928	ALU	10/046527	US7079489	US	Mobile radio communications digital word transmission having receipt signal sent showing correct transmission/where incorrect receipt sending redundant blocks/where non coherent reception indicated starting transmission command.	14.01.2002
800916	ALU	10/312058	US7167529	US	Interference cancellation technique for CDMA Rake receivers has recursive correction for non orthogonality due to propagation	20.06.2001
114634	ALU	200710102228.1	ZL200710102228.1	CN	Adaptive Pre/Post compensation rules for Intelligent transponder applied to systems migration to higher bit rates than 10Gb/s.	30.04.2007
114634	ALU	11/733161	US7848656	US	Adaptive Pre/Post compensation rules for Intelligent transponder applied to systems migration to higher bit rates than 10Gb/s.	09.04.2007
800908	ALU	09/762149	US7142850	US	RADIO ESTIMATION METHOD OF A MOBILE STATION VELOCITY	04.08.1999
800908	ALU	99936684.2	EP1105746	DE	RADIO ESTIMATION METHOD OF A MOBILE STATION VELOCITY	04.08.1999
800908	ALU	9810224	FR2782227	FR	RADIO ESTIMATION METHOD OF A MOBILE STATION VELOCITY	04.08.1998
800908	ALU	99936684.2	EP1105746	GB	RADIO ESTIMATION METHOD OF A MOBILE STATION VELOCITY	04.08.1999
137459	ALU	11/623720	US7596093	US	FABRIC BOUNCE TEST	16.01.2007
120563	ALU	01400572.2	EP1133132	FR	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	06.03.2001
120563	ALU	01400572.2	EP1133132	DE	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	06.03.2001
120563	ALU	01400572.2	EP1133132	GB	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	06.03.2001
132277	ALU	99120997.4	EP1087563	GB	TIME-WALKING PREVENTION IN A DIGITAL SWITCHING IMPLEMENTATION FOR CLOCK SELECTION	04.11.1999
150203	ALU	11/702554	US7706375	US	Fast Adaptive TCAM Sorting Algorithm For IPv4 And IPv6 Longest Prefix Matching	06.02.2007
120256	ALU	00400310.9	EP1122884	FR	PHASE EQUALISTION.	02.02.2000
120256	ALU	00400310.9	EP1122884	DE	PHASE EQUALISTION.	02.02.2000
120256	ALU	00400310.9	EP1122884	GB	PHASE EQUALISTION.	02.02.2000
150304	ALU	11/702555	US8280020	US	Delegation Of Authenticated Caller ID	06.02.2007
120966	ALU	04290017.5	EP1553737	FR	DSL PHYSICAL LAYER SESSION RESOURCE BROKER AND STABLE VIDEO LINK IMPLEMENTATION.	06.01.2004
120966	ALU	04290017.5	EP1553737	DE	DSL PHYSICAL LAYER SESSION RESOURCE BROKER AND STABLE VIDEO LINK IMPLEMENTATION.	06.01.2004
120966	ALU	04290017.5	EP1553737	GB	DSL PHYSICAL LAYER SESSION RESOURCE BROKER AND STABLE VIDEO LINK IMPLEMENTATION.	06.01.2004
120944	ALU	03293174.3	EP1545059	FR	USE OF IPv6 HEADER FOR ENFORCED FORWARDING IN ACCESS.	16.12.2003
120944	ALU	03293174.3	EP1545059	DE	USE OF IPv6 HEADER FOR ENFORCED FORWARDING IN ACCESS.	16.12.2003
120944	ALU	03293174.3	EP1545059	GB	USE OF IPv6 HEADER FOR ENFORCED FORWARDING IN ACCESS.	16.12.2003
114282	ALU	04292104.9	EP1630985	FR	Conversion from alternated-polarization to single-polarization : application to bit-to-bit polarization interleaving	27.08.2004
114282	ALU	04292104.9	EP1630985	DE	Conversion from alternated-polarization to single-polarization : application to bit-to-bit polarization interleaving	27.08.2004
114282	ALU	04292104.9	EP1630985	GB	Conversion from alternated-polarization to single-polarization : application to bit-to-bit polarization interleaving	27.08.2004
114401	ALU	04291112.3	EP1592268	FR	Inherent Backhauling for Point to Multipoint Radio Base Station	28.04.2004
114401	ALU	04291112.3	EP1592268	DE	Inherent Backhauling for Point to Multipoint Radio Base Station	28.04.2004
114401	ALU	04291112.3	EP1592268	GB	Inherent Backhauling for Point to Multipoint Radio Base Station	28.04.2004
105299	ALU	1684/DELNP/2007		IN	MODE CONVERTER	04.08.2005
105299	ALU	20077005417	KR101233597	KR	MODE CONVERTER	04.08.2005
150221	ALU	11/711471	US8230047	US	Method to Configure IP Protocols and Transport Between Routers	27.02.2007
150261	ALU	11/709891	US7602615	US	In-Grid Decoupling For Ball Grid Aray (BGA) Devices	23.02.2007
800817	ALU	11/679582	US8345552	US	Mechanism To Dynamically Optimize Psudowires Based On The Collected End-to-End Cost	27.02.2007
800691	ALU	11/711682	US7659757	US	Glitch Free Clock Re-Generator	28.02.2007
120851	ALU	03291558.9	EP1492268	FR	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	25.06.2003
120851	ALU	03291558.9	EP1492268	DE	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	25.06.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120851	ALU	03291558.9	EP1492268	GB	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	25.06.2003
150209	ALU	11/713732	US7853687	US	Access Control List Generation And Validation Tool	05.03.2007
137498	ALU	11/698082	US7519662	US	IGMPv2 in PIM-SSM environment	26.01.2007
120887	ALU	03291755.1	EP1499156	FR	VC SELECTION WITH ONE MAC ADDRESS AT EDGE POINT.	15.07.2003
120887	ALU	03291755.1	EP1499156	DE	VC SELECTION WITH ONE MAC ADDRESS AT EDGE POINT.	15.07.2003
120887	ALU	03291755.1	EP1499156	GB	VC SELECTION WITH ONE MAC ADDRESS AT EDGE POINT.	15.07.2003
137373	ALU	02290878.4	EP1261169	FR	Collection reordering (polling improvement)	08.04.2002
137373	ALU	02290878.4	EP1261169	DE	Collection reordering (polling improvement)	08.04.2002
137373	ALU	02290878.4	EP1261169	IT	Collection reordering (polling improvement)	08.04.2002
137373	ALU	02290878.4	EP1261169	GB	Collection reordering (polling improvement)	08.04.2002
129101	ALU	99402218.4	EP0991243	FR	METHOD FOR ADDRESSING OF DATE IN A LOCAL AREA NETWORK.	09.09.1999
129101	ALU	99402218.4	EP0991243	DE	METHOD FOR ADDRESSING OF DATE IN A LOCAL AREA NETWORK.	09.09.1999
129101	ALU	99402218.4	EP0991243	GB	METHOD FOR ADDRESSING OF DATE IN A LOCAL AREA NETWORK.	09.09.1999
121276	ALU	200710103872.0	ZL200710103872.0	CN	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	17.05.2007
121276	ALU	11/744202	US9031225	US	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	03.05.2007
800646	ALU	11/717909	US8385194	US	Network Level Admission Control	13.03.2007
800652	ALU	11/717881	US8374082	US	System Architecture for Admission Control	13.03.2007
800761	ALU	11/717880	US8320245	US	Policy Enforcement Points For Network Level Admission Control	13.03.2007
102937	ALU	00403517.6	EP1113632	FR	VOIP jitter buffer turning with VAD deactivation	14.12.2000
102937	ALU	00403517.6	EP1113632	DE	VOIP jitter buffer turning with VAD deactivation	14.12.2000
102937	ALU	00403517.6	EP1113632	GB	VOIP jitter buffer turning with VAD deactivation	14.12.2000
801040	ALU	11/727299	US7746769	US	MANAGEMENT OF REDUNDANCT AND MULTI-SEGMENT PSEUDO-WIRE	26.03.2007
114423	ALU	04292117.1	EP1633068	FR	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.09.2004
114423	ALU	04292117.1	EP1633068	DE	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.09.2004
114423	ALU	04292117.1	EP1633068	GB	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.09.2004
801041	ALU	11/692578	US9031085	US	Distributed Computing Method For Multi-Area Shortest Path First With Fault Management	28.03.2007
114608	ALU	05291456.1	EP1742434	FR	Low cost transport for pico cell coverage	05.07.2005
114608	ALU	05291456.1	EP1742434	DE	Low cost transport for pico cell coverage	05.07.2005
114608	ALU	05291456.1	EP1742434	GB	Low cost transport for pico cell coverage	05.07.2005
121117	ALU	05291927.1	EP1764948	FR	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	16.09.2005
121117	ALU	05291927.1	EP1764948	DE	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	16.09.2005
121117	ALU	05291927.1	EP1764948	IT	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	16.09.2005
121117	ALU	05291927.1	EP1764948	ES	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	16.09.2005
121117	ALU	05291927.1	EP1764948	GB	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	16.09.2005
134174	ALU	04029931.5	EP1548979	FR	GLOBAL NETWORK MANAGEMENT CONFIGURATION **REVISED 134139**	17.12.2004
134174	ALU	04029931.5	EP1548979	DE	GLOBAL NETWORK MANAGEMENT CONFIGURATION **REVISED 134139**	17.12.2004
134174	ALU	04029931.5	EP1548979	GB	GLOBAL NETWORK MANAGEMENT CONFIGURATION **REVISED 134139**	17.12.2004
150311	ALU	11/712592	US7724651	US	Redundant Far-End Pseudo-Wire Connectivity	27.02.2007
137600	ALU	04300386.2	EP1492267	FR	Real-Time Policy Evaluation Mechanism	18.06.2004
137600	ALU	04300386.2	EP1492267	DE	Real-Time Policy Evaluation Mechanism	18.06.2004
137600	ALU	04300386.2	EP1492267	GB	Real-Time Policy Evaluation Mechanism	18.06.2004
801224	ALU	11/730588	US8266530	US	Multiple Displays Of Large Dynamic Alarm Windows	03.04.2007
139305	ALU	200580038262.6	ZL200580038262.6	CN	CYCLED SEALING CURRENT	19.05.2005
139305	ALU	20077010484	KR101222274	KR	CYCLED SEALING CURRENT	19.05.2005
139305	ALU	11/576770	US7991123	US	CYCLED SEALING CURRENT	19.05.2005
114096	ALU	04290047.2	EP1553791	FR	Delay Compensation for distributed Radio units in UMTS	08.01.2004
114096	ALU	04290047.2	EP1553791	DE	Delay Compensation for distributed Radio units in UMTS	08.01.2004
114096	ALU	04290047.2	EP1553791	GB	Delay Compensation for distributed Radio units in UMTS	08.01.2004
111071	ALU	99402417.2	EP0994580	FR	CDMA WITH IMPROVED CAPACITY	04.10.1999
111071	ALU	99402417.2	EP0994580	DE	CDMA WITH IMPROVED CAPACITY	04.10.1999
111071	ALU	99402417.2	EP0994580	GB	CDMA WITH IMPROVED CAPACITY	04.10.1999
102365	ALU	00400441.2	EP1032226	FR	DECT/GSM emulator.	17.02.2000
102365	ALU	00400441.2	EP1032226	DE	DECT/GSM emulator.	17.02.2000
102365	ALU	00400441.2	EP1032226	GB	DECT/GSM emulator.	17.02.2000
800647	ALU	11/717879	US8320381	US	Application Optimized Admission Control	13.03.2007
103924	ALU	02291748.8	EP1278343	FR	MULTI-PLATFORM ACTIVE CODE REPOSITORY	11.07.2002
103924	ALU	02291748.8	EP1278343	DE	MULTI-PLATFORM ACTIVE CODE REPOSITORY	11.07.2002
103924	ALU	02291748.8	EP1278343	IT	MULTI-PLATFORM ACTIVE CODE REPOSITORY	11.07.2002
103924	ALU	02291748.8	EP1278343	GB	MULTI-PLATFORM ACTIVE CODE REPOSITORY	11.07.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
800653	ALU	11/717876	US8320380	US	Virtual Topologies for Network Admission Control	13.03.2007
800657	ALU	11/717878	US8446845	US	Audit Of In-Class Overutilization For Network Admission Control	13.03.2007
131204	ALU	02291057.4	EP1357698	FR	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
131204	ALU	02291057.4	EP1357698	DE	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
131204	ALU	02291057.4	EP1357698	IT	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
131204	ALU	02291057.4	EP1357698	GB	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
120874	ALU	03291559.7	EP1492261	FR	AUTONOMOUS POWER BACK-OFF FOR REMOTELY DEPLOYED DSL.	25.06.2003
120874	ALU	03291559.7	EP1492261	DE	AUTONOMOUS POWER BACK-OFF FOR REMOTELY DEPLOYED DSL.	25.06.2003
120874	ALU	03291559.7	EP1492261	GB	AUTONOMOUS POWER BACK-OFF FOR REMOTELY DEPLOYED DSL.	25.06.2003
113880	ALU	03005283.1	EP1420598	FR	Two-Phase Approach	11.03.2003
113880	ALU	03005283.1	EP1420598	DE	Two-Phase Approach	11.03.2003
113880	ALU	03005283.1	EP1420598	IT	Two-Phase Approach	11.03.2003
113880	ALU	03005283.1	EP1420598	NL	Two-Phase Approach	11.03.2003
113880	ALU	03005283.1	EP1420598	ES	Two-Phase Approach	11.03.2003
113880	ALU	03005283.1	EP1420598	GB	Two-Phase Approach	11.03.2003
131326	ALU	200710104768.3	ZL200710104768.3	CN	GIG-Array Connectors unhooking device	26.04.2007
137960	ALU	11/799507	US7804724	US	Method to Reduce Flash Programming Time With Boundary Scan	02.05.2007
801211	ALU	11/741678	US7707277	US	METHOD OF USING DHCP FOR PSEUDOWIRE LABEL EXCHANGE	27.04.2007
137816	ALU	06704327.3	EP1839415	EP	Pre-computed Paths for Policy-Based Routing	05.01.2006
801521	ALU	200710181693.9	ZL200710181693.9	CN	Methods for Simplifying Prepaid Calling Card Procedures in VoIP and IMS Networks	24.10.2007
100965	ALU	98400867.2	EP0871341	DE	HANDOVER WITH PREEMPTION	09.04.1998
100965	ALU	98400867.2	EP0871341	GB	HANDOVER WITH PREEMPTION	09.04.1998
801369	ALU	11/748358	US7860085	US	Dual OSS Management of an Ethernet Access Network	14.05.2007
105305	ALU	05108011.7	EP1635605	FR	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	DE	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	IT	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	NL	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	ES	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	GB	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105685	ALU	04293100.6	EP1675281	FR	STABILISED DPSK DEMODULATOR WITH WAVELENGTH TRACKING	22.12.2004
105685	ALU	04293100.6	EP1675281	DE	STABILISED DPSK DEMODULATOR WITH WAVELENGTH TRACKING	22.12.2004
105685	ALU	04293100.6	EP1675281	GB	STABILISED DPSK DEMODULATOR WITH WAVELENGTH TRACKING	22.12.2004
800503	ALU	11/800279	US7934230	US	New Mechanisms for Commerical Insertion	04.05.2007
120668	ALU	02291967.4	EP1388953	FR	TDR BASED CUSTOMER PREMISES LOCALIZATION	05.08.2002
120668	ALU	02291967.4	EP1388953	DE	TDR BASED CUSTOMER PREMISES LOCALIZATION	05.08.2002
120668	ALU	02291967.4	EP1388953	GB	TDR BASED CUSTOMER PREMISES LOCALIZATION	05.08.2002
800374	ALU	11/749810	US8539498	US	InterProcess Resource Based Dynamic Scheduling	17.05.2007
121075	ALU	4091/DELNP/2007	IN259726	IN	FLOW CONCEPT	11.11.2005
121075	ALU	20077015104	KR1156855	KR	FLOW CONCEPT	11.11.2005
121108	ALU	4273/DELNP/2007		IN	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	02.12.2005
121108	ALU	20077015628	KR10-1188037	KR	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	02.12.2005
800318	ALU	07290649.8	EP1993240	EP	Security assurance icon for services on end-user terminals	18.05.2007
114250	ALU	04360063.4	EP1615335	FR	Symmetrical radio frequency coupling	08.07.2004
114250	ALU	04360063.4	EP1615335	DE	Symmetrical radio frequency coupling	08.07.2004
114250	ALU	04360063.4	EP1615335	GB	Symmetrical radio frequency coupling	08.07.2004
800119	ALU	11/802965	US7917957	US	SlowBlow: An Efficient Way Of Counting New Destination IP Addresses	29.05.2007
134061	ALU	02400025.9	EP1248440	FR	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
134061	ALU	02400025.9	EP1248440	GB	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
134061	ALU	02400025.9	EP1248440	DE	SIP Call Routing Using Information from INVITE Message Body	02.04.2002

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120820	ALU	03291656.1	EP1494037	FR	IMPROVE DYNAMIC RANGE OF SINGLE-ENDED LINE TESTING	03.07.2003
120820	ALU	03291656.1	EP1494037	DE	IMPROVE DYNAMIC RANGE OF SINGLE-ENDED LINE TESTING	03.07.2003
120820	ALU	03291656.1	EP1494037	GB	IMPROVE DYNAMIC RANGE OF SINGLE-ENDED LINE TESTING	03.07.2003
801163	ALU	11/806117	US7724673	US	PW SIGNALING SUPPORT ON ETHERNET OAM 802.3AH OVER ETHERNET PSEUDOWIRE	30.05.2007
137642	ALU	04300406.8	EP1494389	FR	Centralized IGMP GMQ Audit Timing	29.06.2004
137642	ALU	04300406.8	EP1494389	DE	Centralized IGMP GMQ Audit Timing	29.06.2004
137642	ALU	04300406.8	EP1494389	GB	Centralized IGMP GMQ Audit Timing	29.06.2004
120576	ALU	01401313.0	EP1258982	FR	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	18.05.2001
120576	ALU	01401313.0	EP1258982	DE	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	18.05.2001
120576	ALU	01401313.0	EP1258982	GB	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	18.05.2001
121185	ALU	07290682.9		EP	REAL-TIME REMOTE CONTROL ADAPTATION TO IPTV SERVICE OPTIONSD AND PROFILE	31.05.2007
137926	ALU	06744730.0		EP	Decentralized Architecture for ATM-Based Bonding of xDSL Lines	06.02.2006
114393	ALU	04291272.5	EP1599007	FR	Multi-Modal Proxy System	18.05.2004
114393	ALU	04291272.5	EP1599007	DE	Multi-Modal Proxy System	18.05.2004
131164	ALU	02290739.8	EP1248420	FR	METHOD FOR MAPPING DIFFERENT DATA INTERFACED (ETHERNET,FAST-ETHERNET AND NxE1 OR NxDS1) IN A SINGLE VC-4 OF A SYNCHRONOUS STM-1 PAYLOAD TRANSMITTED IN A RADIO-RELAY SYSTEM.	25.03.2002
131164	ALU	02290739.8	EP1248420	DE	METHOD FOR MAPPING DIFFERENT DATA INTERFACED (ETHERNET,FAST-ETHERNET AND NxE1 OR NxDS1) IN A SINGLE VC-4 OF A SYNCHRONOUS STM-1 PAYLOAD TRANSMITTED IN A RADIO-RELAY SYSTEM.	25.03.2002
131164	ALU	02290739.8	EP1248420	GB	METHOD FOR MAPPING DIFFERENT DATA INTERFACED (ETHERNET,FAST-ETHERNET AND NxE1 OR NxDS1) IN A SINGLE VC-4 OF A SYNCHRONOUS STM-1 PAYLOAD TRANSMITTED IN A RADIO-RELAY SYSTEM.	25.03.2002
105749	ALU	200580047436.5	ZL200580047436.5	CN	SYMBOLOGY-BASED ORIGINAL CARTOGRAPHIC ZOOMING	22.12.2005
105749	ALU	2007548878	JP4732465	JP	SYMBOLOGY-BASED ORIGINAL CARTOGRAPHIC ZOOMING	22.12.2005
121081	ALU	4875/DELNP/2007	IN264426	IN	ACTIVE SELF TEST FOR IN-HOUSE WIRING PROBLEMS.	15.12.2005
137875	ALU	200580032107.3	ZL200580032107.3	CN	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	22.07.2005
137875	ALU	795/DELNP/2007		IN	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	22.07.2005
137875	ALU	MX/A/2007/000931	MX275008	MX	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	22.07.2005
121066	ALU	4908/DELNP/2007		IN	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	15.12.2005
121066	ALU	2007547349	JP5044413	JP	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	15.12.2005
121066	ALU	20077016701	KR101226383	KR	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	15.12.2005
121332	ALU	07290760.3		EP	TRACKING SYSTEM FUNCTIONS AS PERIPHERAL VISION IN VIDEO CONFERENCE SYSTEM	20.06.2007
121333	ALU	200810110222.3	ZL200810110222.3	CN	INTERACTIVE EXPERIENCES FOR GEOGRAPHIC DISPERSED NOMADIC GROUPS	18.06.2008
121333	ALU	12/137730	US9413844	US	INTERACTIVE EXPERIENCES FOR GEOGRAPHIC DISPERSED NOMADIC GROUPS	12.06.2008
800734	ALU	11/776661	US7940766	US	Multicasting Unicast Traffic/Multiple Classification of a Packet	12.07.2007
137561	ALU	03300023.3	EP1367799	FR	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
137561	ALU	03300023.3	EP1367799	DE	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
137561	ALU	03300023.3	EP1367799	GB	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
121217	ALU	200710140226.1	ZL200710140226.1	CN	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	06.08.2007
103956	ALU	02292671.1	EP1317097	FR	ADAPTATIVE MEASUREMENT SYSTEM FOR TELECOM NETWORK	28.10.2002
103956	ALU	02292671.1	EP1317097	DE	ADAPTATIVE MEASUREMENT SYSTEM FOR TELECOM NETWORK	28.10.2002
103956	ALU	02292671.1	EP1317097	GB	ADAPTATIVE MEASUREMENT SYSTEM FOR TELECOM NETWORK	28.10.2002
121082	ALU	05290453.9	EP1696633	FR	BI-DIRECTIONAL SOAP SESSION OVER UNI DIRECTIONAL HTTP SESSION.	28.02.2005
121082	ALU	05290453.9	EP1696633	DE	BI-DIRECTIONAL SOAP SESSION OVER UNI DIRECTIONAL HTTP SESSION.	28.02.2005
134093	ALU	02022904.3	EP1303120	FR	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	10.10.2002
134093	ALU	02022904.3	EP1303120	DE	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	10.10.2002

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
134093	ALU	02022904.3	EP1303120	GB	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	10.10.2002
114879	ALU	06290063.4	EP1806875	FR	Call Admission Control for stimuli VoWLAN phones	10.01.2006
114879	ALU	06290063.4	EP1806875	DE	Call Admission Control for stimuli VoWLAN phones	10.01.2006
114879	ALU	06290063.4	EP1806875	GB	Call Admission Control for stimuli VoWLAN phones	10.01.2006
120731	ALU	04293126.1	EP1675290	FR	CLOCK DISTRIBUTION.	23.12.2004
120731	ALU	04293126.1	EP1675290	DE	CLOCK DISTRIBUTION.	23.12.2004
120731	ALU	04293126.1	EP1675290	GB	CLOCK DISTRIBUTION.	23.12.2004
800319	ALU	11/878981	US7668802	US	A Method And Tool For XML Policy Matching	30.07.2007
801044	ALU	11/878982	US8345559	US	MPLS Diagnostics Tool	30.07.2007
137252	ALU	11/826220	US8018939	US	MULTIPROTOCOL LABEL SWITCHING (MPLS)	13.07.2007
800824	ALU	11/882515	US7725646	US	Method Of Using A FLASH Memory For A Circular Buffer	02.08.2007
150039	ALU	7215/DELNP/2007		IN	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	1020077029226	KR101168369	KR	Co-Existing Static And Dymanic IP Multicast	15.05.2006
114393	ALU	04291272.5	EP1599007	GB	Multi-Modal Proxy System	18.05.2004
105620	ALU	05104318.0	EP1603351	FR	9763 E1 COMPRESSOR - ROUTAGE LOCAL DU TRAFIC LOCAL	20.05.2005
105620	ALU	05104318.0	EP1603351	DE	9763 E1 COMPRESSOR - ROUTAGE LOCAL DU TRAFIC LOCAL	20.05.2005
105620	ALU	05104318.0	EP1603351	GB	9763 E1 COMPRESSOR - ROUTAGE LOCAL DU TRAFIC LOCAL	20.05.2005
103957	ALU	02293187.7	EP1326374	FR	AUTOMATIC NETWORK TRAFFIC ENGINEERING BASED ON TRENDS	20.12.2002
103957	ALU	02293187.7	EP1326374	DE	AUTOMATIC NETWORK TRAFFIC ENGINEERING BASED ON TRENDS	20.12.2002
103957	ALU	02293187.7	EP1326374	GB	AUTOMATIC NETWORK TRAFFIC ENGINEERING BASED ON TRENDS	20.12.2002
137639	ALU	04300405.0	EP1494388	FR	IGMP GMQ Audit Load Balancing	29.06.2004
137639	ALU	04300405.0	EP1494388	DE	IGMP GMQ Audit Load Balancing	29.06.2004
137639	ALU	04300405.0	EP1494388	GB	IGMP GMQ Audit Load Balancing	29.06.2004
802236	ALU	10/259597	US6754413	US	OPTICAL MULTIPLEXER DEMULTIPLEXER AND METHODS	30.09.2002
137593	ALU	03300247.8	EP1432211	FR	Improvement to SPI4.2 Protocol For Communicating POS non-user data	09.12.2003
137593	ALU	03300247.8	EP1432211	DE	Improvement to SPI4.2 Protocol For Communicating POS non-user data	09.12.2003
137593	ALU	03300247.8	EP1432211	GB	Improvement to SPI4.2 Protocol For Communicating POS non-user data	09.12.2003
137928	ALU	05300421.4	EP1601134	FR	OAM CC on Multicast and Multi-Endpoint Paths	26.05.2005
137928	ALU	05300421.4	EP1601134	DE	OAM CC on Multicast and Multi-Endpoint Paths	26.05.2005
137928	ALU	05300421.4	EP1601134	GB	OAM CC on Multicast and Multi-Endpoint Paths	26.05.2005
106320	ALU	11/855367	US8429705	US	PUBLIC TV SERVICES EXTENSION WITH MOBILE DEVICE	14.09.2007
114571	ALU	04293072.7	EP1675280	FR	Distributed PON TDR	21.12.2004
114571	ALU	04293072.7	EP1675280	DE	Distributed PON TDR	21.12.2004
114571	ALU	04293072.7	EP1675280	GB	Distributed PON TDR	21.12.2004
800666	ALU	11/893224	US7836203	US	Automatic route setup via snooping DHCP addresses	15.08.2007
131266	ALU	03292848.3	EP1531567	FR	SDH SYSTEM ARCHITECTURE COMPLIANT WITH ITU G783 SPEC	17.11.2003
131266	ALU	03292848.3	EP1531567	DE	SDH SYSTEM ARCHITECTURE COMPLIANT WITH ITU G783 SPEC	17.11.2003
131266	ALU	03292848.3	EP1531567	GB	SDH SYSTEM ARCHITECTURE COMPLIANT WITH ITU G783 SPEC	17.11.2003
131299	ALU	05290508.0	EP1699257	FR	OUTPUT DRIVEN MEMORY BASED SWITCH FOR TDM AND PACKET DATA CROSSCONNECTION	04.03.2005
131299	ALU	05290508.0	EP1699257	DE	OUTPUT DRIVEN MEMORY BASED SWITCH FOR TDM AND PACKET DATA CROSSCONNECTION	04.03.2005
131299	ALU	05290508.0	EP1699257	GB	OUTPUT DRIVEN MEMORY BASED SWITCH FOR TDM AND PACKET DATA CROSSCONNECTION	04.03.2005
801048	ALU	07290999.7		EP	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	10.08.2007
801048	ALU	12/184730	US8571184	US	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	01.08.2008
137869	ALU	200580016193.9	ZL200580016193.9	CN	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
131099	ALU	00401499.9	EP1059750	DE	OPTIMIZATION TIME MANAGEMENT OF INFORMATION DISTRIBUTED ON K BYTES IN A SDH FRAME	26.05.2000
131099	ALU	00401499.9	EP1059750	FR	OPTIMIZATION TIME MANAGEMENT OF INFORMATION DISTRIBUTED ON K BYTES IN A SDH FRAME	26.05.2000
131099	ALU	00401499.9	EP1059750	GB	OPTIMIZATION TIME MANAGEMENT OF INFORMATION DISTRIBUTED ON K BYTES IN A SDH FRAME	26.05.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120961	ALU	03293172.7	EP1545052	FR	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	15.12.2003
120961	ALU	03293172.7	EP1545052	DE	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	15.12.2003
120961	ALU	03293172.7	EP1545052	GB	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	15.12.2003
105324	ALU	05762563.4	EP1749381	FR	SUGGESTION MODE FOR BGP ROUTER AGGREGATION	13.05.2005
105324	ALU	05762563.4	EP1749381	DE	SUGGESTION MODE FOR BGP ROUTER AGGREGATION	13.05.2005
105324	ALU	05762563.4	EP1749381	GB	SUGGESTION MODE FOR BGP ROUTER AGGREGATION	13.05.2005
121130	ALU	6932/DELNP/2007	IN261349	IN	LOCALISING HOME NETWORK FAULT.	21.02.2006
121130	ALU	20077022710	KR10222293	KR	LOCALISING HOME NETWORK FAULT.	21.02.2006
103235	ALU	01310386.6	EP1217764	FR	Wavelength tuneable pump laser for broadband gain controlled Raman amplifiers by selective reflector switching.	12.12.2001
103235	ALU	01310386.6	EP1217764	DE	Wavelength tuneable pump laser for broadband gain controlled Raman amplifiers by selective reflector switching.	12.12.2001
103235	ALU	01310386.6	EP1217764	GB	Wavelength tuneable pump laser for broadband gain controlled Raman amplifiers by selective reflector switching.	12.12.2001
114621	ALU	05292532.8	EP1791274	FR	DQPSK transponder stabilization	25.11.2005
114621	ALU	05292532.8	EP1791274	DE	DQPSK transponder stabilization	25.11.2005
114621	ALU	05292532.8	EP1791274	GB	DQPSK transponder stabilization	25.11.2005
802377	ALU	11/620726	US8561166	US	Efficient Implementation of Security Applications in a Networked Environment	07.01.2007
103745	ALU	02290985.7	EP1271972	FR	INTERFACE BETWEEN MSC AND BSC	18.04.2002
103745	ALU	02290985.7	EP1271972	DE	INTERFACE BETWEEN MSC AND BSC	18.04.2002
103745	ALU	02290985.7	EP1271972	GB	INTERFACE BETWEEN MSC AND BSC	18.04.2002
135957	ALU	03008815.7	EP1357730	FR	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
135957	ALU	03008815.7	EP1357730	DE	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
135957	ALU	03008815.7	EP1357730	GB	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
131269	ALU	04290902.8	EP1585272	FR	IMPROVED MEMORY BASED SWITCH	05.04.2004
131269	ALU	04290902.8	EP1585272	DE	IMPROVED MEMORY BASED SWITCH	05.04.2004
131269	ALU	04290902.8	EP1585272	GB	IMPROVED MEMORY BASED SWITCH	05.04.2004
131244	ALU	03293052.1	EP1538765	FR	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	05.12.2003
131244	ALU	03293052.1	EP1538765	DE	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	05.12.2003
131244	ALU	03293052.1	EP1538765	GB	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	05.12.2003
801686	ALU	0757700	FR2921503	FR	Automatic user profile-based content indexing	20.09.2007
800304	ALU	11/886979	US7782762	US	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	21.09.2007
135702	ALU	01116898.6	EP1174951	FR	A METHOD OF ACHIEVING HIGH VOLTAGE WITHSTAND BETWEEN PINS OF A HIGH DENSITY COMPLIANT PIN CONNECTOR	11.07.2001
135702	ALU	01116898.6	EP1174951	DE	A METHOD OF ACHIEVING HIGH VOLTAGE WITHSTAND BETWEEN PINS OF A HIGH DENSITY COMPLIANT PIN CONNECTOR	11.07.2001
135702	ALU	01116898.6	EP1174951	GB	A METHOD OF ACHIEVING HIGH VOLTAGE WITHSTAND BETWEEN PINS OF A HIGH DENSITY COMPLIANT PIN CONNECTOR	11.07.2001
800819	ALU	11/902710	US7843814	US	Mechanism for Non-Service Affecting APS Protection For MLPPP Bundles On Routing Systems	25.09.2007
114159	ALU	04015932.9	EP1513294	FR	METHOD FOR OBTAINING USER DATA TO BE TRANSMITTED TO NETWORK IN UMTS SYSTEM	07.07.2004
114159	ALU	04015932.9	EP1513294	DE	METHOD FOR OBTAINING USER DATA TO BE TRANSMITTED TO NETWORK IN UMTS SYSTEM	07.07.2004
114159	ALU	04015932.9	EP1513294	GB	METHOD FOR OBTAINING USER DATA TO BE TRANSMITTED TO NETWORK IN UMTS SYSTEM	07.07.2004
800566	ALU	11/864971	US8737596	US	Real-Time Collaboration Center	29.09.2007
137596	ALU	03300237.9	EP1427132	FR	Fast Service Restoration for Lost IGMP Leave Requests	01.12.2003
137596	ALU	03300237.9	EP1427132	DE	Fast Service Restoration for Lost IGMP Leave Requests	01.12.2003
137596	ALU	03300237.9	EP1427132	GB	Fast Service Restoration for Lost IGMP Leave Requests	01.12.2003
137690	ALU	04300593.3	EP1519541	FR	DoS Attack Mitigation Using Upstream Router Suggested Remedies	10.09.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
137690	ALU	04300593.3	EP1519541	DE	DoS Attack Mitigation Using Upstream Router Suggested Remedies	10.09.2004
137690	ALU	04300593.3	EP1519541	GB	DoS Attack Mitigation Using Upstream Router Suggested Remedies	10.09.2004
802516	ALU	09/880811	US6674935	US	Optical Connection Arrangements	15.06.2001
129111	ALU	99402046.9	EP0984582	FR	METHOD FOR ERROR ESTIMATION IN TRANSMISSION OF DATA INFORMATION.	12.08.1999
129111	ALU	99402046.9	EP0984582	DE	METHOD FOR ERROR ESTIMATION IN TRANSMISSION OF DATA INFORMATION.	12.08.1999
129111	ALU	99402046.9	EP0984582	GB	METHOD FOR ERROR ESTIMATION IN TRANSMISSION OF DATA INFORMATION.	12.08.1999
137353	ALU	01402704.9	EP1202541	FR	Metallic Test Access	18.10.2001
137353	ALU	01402704.9	EP1202541	DE	Metallic Test Access	18.10.2001
137353	ALU	01402704.9	EP1202541	GB	Metallic Test Access	18.10.2001
132278	ALU	00440158.4	EP1065848	FR	TECHNIQUE TO MANAGE REMOTE IP NEs THROUGH THE SONET DCC	26.05.2000
132278	ALU	00440158.4	EP1065848	DE	TECHNIQUE TO MANAGE REMOTE IP NEs THROUGH THE SONET DCC	26.05.2000
132278	ALU	00440158.4	EP1065848	GB	TECHNIQUE TO MANAGE REMOTE IP NEs THROUGH THE SONET DCC	26.05.2000
801595	ALU	0758340	FR2922403	FR	Users counter in Multicast Broadcast Services Zones	16.10.2007
801274	ALU	0758458	FR2922710	FR	Receiver Architecture for scalable video streams over TDMA/TDMA-OFDM/OFDMA communication system providing multimedia broadcast and multicast services	22.10.2007
800571	ALU	11/877388	US8248922	US	System and Method for Avoiding Duplication of MAC Addresses in a Stack	23.10.2007
137812	ALU	05300555.9	EP1615378	FR	Queue Architecture for Multi-Server Request	04.07.2005
137812	ALU	05300555.9	EP1615378	DE	Queue Architecture for Multi-Server Request	04.07.2005
137812	ALU	05300555.9	EP1615378	GB	Queue Architecture for Multi-Server Request	04.07.2005
137833	ALU	05300252.3	EP1587263	FR	Scaling VPRN for Thousands of BGP Peers	06.04.2005
137833	ALU	05300252.3	EP1587263	DE	Scaling VPRN for Thousands of BGP Peers	06.04.2005
137833	ALU	05300252.3	EP1587263	GB	Scaling VPRN for Thousands of BGP Peers	06.04.2005
800011	ALU	200710188772.2	ZL200710188772.2	CN	Adaptive Indoor System	20.11.2007
800011	ALU	11/942442	US8032148	US	Adaptive Indoor System	19.11.2007
800504	ALU	0758946	FR2924866	FR	S-band EDFA	09.11.2007
137637	ALU	04300647.7	EP1523138	FR	Improved Access Control Listing Mechanism for Routers	04.10.2004
137637	ALU	04300647.7	EP1523138	DE	Improved Access Control Listing Mechanism for Routers	04.10.2004
137637	ALU	04300647.7	EP1523138	GB	Improved Access Control Listing Mechanism for Routers	04.10.2004
131250	ALU	02292721.4	EP1416651	FR	HIGH DYNAMIC RECEIVER FOR FREE SPACE OPTICS APPLICATIONS	31.10.2002
131250	ALU	02292721.4	EP1416651	DE	HIGH DYNAMIC RECEIVER FOR FREE SPACE OPTICS APPLICATIONS	31.10.2002
131250	ALU	02292721.4	EP1416651	GB	HIGH DYNAMIC RECEIVER FOR FREE SPACE OPTICS APPLICATIONS	31.10.2002
800701	ALU	11/940114	US7751676	US	Cable Entry Seal	14.11.2007
801907	ALU	07291342.9	EP2058960	EP	General broadcasting of fake channels	08.11.2007
114061	ALU	03291778.3	EP1499041	FR	Optical Data Packet source	17.07.2003
114061	ALU	03291778.3	EP1499041	DE	Optical Data Packet source	17.07.2003
114061	ALU	03291778.3	EP1499041	GB	Optical Data Packet source	17.07.2003
121117	ALU	1020077030249	KR101194149	KR	QOS EVALUATOR AND CONTROLLER IN NETWORK ANALYZER.	12.07.2006
114062	ALU	03291785.8	EP1499049	FR	Temporary SNCP for Restoration	18.07.2003
114062	ALU	03291785.8	EP1499049	DE	Temporary SNCP for Restoration	18.07.2003
114062	ALU	03291785.8	EP1499049	IT	Temporary SNCP for Restoration	18.07.2003
114062	ALU	03291785.8	EP1499049	GB	Temporary SNCP for Restoration	18.07.2003
135984	ALU	11/985266	US7995609	US	MODULAR SERVICE PROVISIONING WITHIN AN ACCESS NODE	14.11.2007
135740	ALU	02012578.7	EP1276263	FR	SIGNALING IN A SHARED PROTECTION RING ARCHITECTURE	06.06.2002
135740	ALU	02012578.7	EP1276263	DE	SIGNALING IN A SHARED PROTECTION RING ARCHITECTURE	06.06.2002
135740	ALU	02012578.7	EP1276263	GB	SIGNALING IN A SHARED PROTECTION RING ARCHITECTURE	06.06.2002
800790	ALU	200810001638.1	ZL200810001638.1	CN	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	07.01.2008
800790	ALU	11/966186	US7787483	US	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	28.12.2007
115236	ALU	200810004077.0	ZL200810004077.0	CN	Cognitive Radio Access Network	15.01.2008
115236	ALU	12/017482	US8121645	US	Cognitive Radio Access Network	22.01.2008
801473	ALU	11/987458	US7929574	US	ADVANCED CLOCK DISTRIBUTION MECHANISM FOR CIRCUIT EMULATION APPLICATIONS	30.11.2007
801472	ALU	11/987457	US7966510	US	Dynamic Frequency Adjustment For Interoperability Of Differential Clock Recovery Methods	30.11.2007
801677	ALU	07291446.8		EP	USE CHANGE IN DIRECT CHANNEL TO ESTIMATE/TRACK CHANGE IN CROSSTALK CHANNEL	03.12.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
113838	ALU	03290787.5	EP1463370	FR	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	28.03.2003
113838	ALU	03290787.5	EP1463370	DE	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	28.03.2003
113838	ALU	03290787.5	EP1463370	GB	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	28.03.2003
114924	ALU	05291730.9	EP1755286	FR	Distributed routing policy in multi layer networks	15.08.2005
114924	ALU	05291730.9	EP1755286	DE	Distributed routing policy in multi layer networks	15.08.2005
114924	ALU	05291730.9	EP1755286	GB	Distributed routing policy in multi layer networks	15.08.2005
801741	ALU	07291440.1	EP2066103	EP	SIS SPLITTER	30.11.2007
801276	ALU	07291471.6		EP	Optical OFDM receiver channel monitor	07.12.2007
114782	ALU	05291727.5	EP1753159	FR	Fiber Monitoring in Optical Burst Mode	12.08.2005
114782	ALU	05291727.5	EP1753159	DE	Fiber Monitoring in Optical Burst Mode	12.08.2005
114782	ALU	05291727.5	EP1753159	GB	Fiber Monitoring in Optical Burst Mode	12.08.2005
801079	ALU	200810088620.X	ZL200810088620.X	CN	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	31.03.2008
801079	ALU	12/060468	US8441946	US	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	01.04.2008
121075	ALU	04292820.0	EP1662718	FR	FLOW CONCEPT	30.11.2004
121075	ALU	04292820.0	EP1662718	DE	FLOW CONCEPT	30.11.2004
121075	ALU	04292820.0	EP1662718	GB	FLOW CONCEPT	30.11.2004
113581	ALU	02360348.3	EP1432179	FR	Queue Architecture for High-Speed Routing Network Elements	16.12.2002
113581	ALU	02360348.3	EP1432179	DE	Queue Architecture for High-Speed Routing Network Elements	16.12.2002
113581	ALU	02360348.3	EP1432179	GB	Queue Architecture for High-Speed Routing Network Elements	16.12.2002
802624	ALU	12/000489	US7697332	US	PLACEMENT AND ROUTING OF ECC MEMORY DEVICES FOR IMPROVED SIGNAL TIMING	13.12.2007
114514	ALU	04292339.1	EP1643711	FR	Push to Video	30.09.2004
114514	ALU	04292339.1	EP1643711	IT	Push to Video	30.09.2004
114514	ALU	04292339.1	EP1643711	ES	Push to Video	30.09.2004
114514	ALU	04292339.1	EP1643711	GB	Push to Video	30.09.2004
106067	ALU	20077030633	KR1306369	KR	SPREADING TECHNIQUE APPLIED TO BROADBAND MOBILE COMMUNICATIONS BY SATELLITE RELYING ON DVB-RCS	06.11.2006
106067	ALU	11/993450	US8711955	US	SPREADING TECHNIQUE APPLIED TO BROADBAND MOBILE COMMUNICATIONS BY SATELLITE RELYING ON DVB-RCS	06.11.2006
801291	ALU	12/000823	US7696879	US	USE OF GPS OR SIMILAR GEOGRAPHIC INFORMATION SYSTEM IN A CABLE MANAGEMENT SYSTEM	18.12.2007
801125	ALU	12/004924	US8054766	US	A METHOD AND TOOL FOR IP MULTICAST NETWORK ADDRESS TRANSLATION (MNAT)	21.12.2007
802475	ALU	12/000961	US8264951	US	Resilient PPP/ML-PPP Services Over Multi-Chassis APS Protected Routers	19.12.2007
800953	ALU	03292839.2	EP1427156	FR	Method for detecting a signal and receiver system for the implementation of the method	14.11.2003
800953	ALU	03292839.2	EP1427156	DE	Method for detecting a signal and receiver system for the implementation of the method	14.11.2003
800953	ALU	03292839.2	EP1427156	GB	Method for detecting a signal and receiver system for the implementation of the method	14.11.2003
801848	ALU	07291478.1		EP	SYSTEM AND METHOD TO SEAMLESSLY INJECT SERVICES IN CONTENT FLOWS	10.12.2007
801848	ALU	200810177103.X	ZL200810177103.X	CN	SYSTEM AND METHOD TO SEAMLESSLY INJECT SERVICES IN CONTENT FLOWS	05.12.2008
801848	ALU	12/330785	US8856242	US	SYSTEM AND METHOD TO SEAMLESSLY INJECT SERVICES IN CONTENT FLOWS	09.12.2008
801848	ALU	3540/CHENP/2010		IN	SYSTEM AND METHOD TO SEAMLESSLY INJECT SERVICES IN CONTENT FLOWS	24.11.2008
801848	ALU	2010-537277	JP5501246	JP	SYSTEM AND METHOD TO SEAMLESSLY INJECT SERVICES IN CONTENT FLOWS	24.11.2008
801848	ALU	20107012772	KR10-1560426	KR	SYSTEM AND METHOD TO SEAMLESSLY INJECT SERVICES IN CONTENT FLOWS	24.11.2008
106089	ALU	05300694.6	EP1758338	FR	Bump In The Stack SEND implementation	25.08.2005
106089	ALU	05300694.6	EP1758338	DE	Bump In The Stack SEND implementation	25.08.2005
106089	ALU	05300694.6	EP1758338	GB	Bump In The Stack SEND implementation	25.08.2005
801450	ALU	11/956328	US8161541	US	Ethernet Connectivity Fault Management with User Verification Option	13.12.2007
801604	ALU	07291605.9	EP2075952	EP	CONTENT BASED REVERSED SERVICE BILLING	24.12.2007
800744	ALU	200810009596.6	ZL200810009596.6	CN	Squelching optimization for packet ring protection	03.03.2008
800744	ALU	12042053	US8264952	US	Squelching optimization for packet ring protection	04.03.2008
102708	ALU	01400062.4	EP1117199	FR	3R regenerator based on an all-optical XOR gate.	11.01.2001
102708	ALU	01400062.4	EP1117199	DE	3R regenerator based on an all-optical XOR gate.	11.01.2001
102708	ALU	01400062.4	EP1117199	GB	3R regenerator based on an all-optical XOR gate.	11.01.2001
801470	ALU	12/008535	US8180874	US	MAC ADDRESS FLOODING DEFENCE	11.01.2008
105957	ALU	06115517.2	EP1734701	FR	E1 OVER ETHERNET TRANSPORT	15.06.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
105957	ALU	06115517.2	EP1734701	DE	E1 OVER ETHERNET TRANSPORT	15.06.2006
105957	ALU	06115517.2	EP1734701	GB	E1 OVER ETHERNET TRANSPORT	15.06.2006
103526	ALU	02290221.7	EP1249889	FR	TELECOM ANTENNA WITH FREQUENCY REJECTION	31.01.2002
103526	ALU	02290221.7	EP1249889	DE	TELECOM ANTENNA WITH FREQUENCY REJECTION	31.01.2002
103526	ALU	02290221.7	EP1249889	GB	TELECOM ANTENNA WITH FREQUENCY REJECTION	31.01.2002
802030	ALU	0800098		FR	Automatic Ads Correlation	08.01.2008
105272	ALU	03292584.4	EP1524798	FR	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	17.10.2003
105272	ALU	03292584.4	EP1524798	DE	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	17.10.2003
105272	ALU	03292584.4	EP1524798	IT	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	17.10.2003
105272	ALU	03292584.4	EP1524798	ES	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	17.10.2003
105272	ALU	03292584.4	EP1524798	GB	SYSTEM TO HELP SECURITY SERVICES IN WIRELESS NETWORK	17.10.2003
104682	ALU	04291001.8	EP1471379	FR	OPTICALLY RECONFIGURABLE FIBRE GRATING	14.04.2004
104682	ALU	04291001.8	EP1471379	DE	OPTICALLY RECONFIGURABLE FIBRE GRATING	14.04.2004
104682	ALU	04291001.8	EP1471379	GB	OPTICALLY RECONFIGURABLE FIBRE GRATING	14.04.2004
106098	ALU	06126245.7	EP1798813	FR	METHOD AND DEVICE TO ENSURE THE POLARIZATION PERFORMANCE IN CIRCULAR WAVEGUIDE PIPE FOR MICROWAVE DUAL REFLECTOR ANTENNAS	15.12.2006
106098	ALU	06126245.7	EP1798813	DE	METHOD AND DEVICE TO ENSURE THE POLARIZATION PERFORMANCE IN CIRCULAR WAVEGUIDE PIPE FOR MICROWAVE DUAL REFLECTOR ANTENNAS	15.12.2006
106098	ALU	06126245.7	EP1798813	GB	METHOD AND DEVICE TO ENSURE THE POLARIZATION PERFORMANCE IN CIRCULAR WAVEGUIDE PIPE FOR MICROWAVE DUAL REFLECTOR ANTENNAS	15.12.2006
800008	ALU	200810081502.6	ZL200810081502.6	CN	Multi-band Low Noise Amplifier RF IC Module including electronic for digital control, for diversity antenna systems	26.02.2008
800008	ALU	12/037497	US8045940	US	Multi-band Low Noise Amplifier RF IC Module including electronic for digital control, for diversity antenna systems	26.02.2008
106361	ALU	12/027640	US8225322	US	EVALUATION ENGINE FOR ADEQUACY OF RESOURCES AGAINST NON BINARY, HETEROGENEOUS CONSTRAINTS	07.02.2008
104743	ALU	03292358.3	EP1408646	FR	HIERARCHICAL AND DYNAMICAL DESCRIPTOR OF MANAGED NETWORK ELEMENT FOR NETWORK MANAGEMENT SYSTEM USING A JAVA BASED FRAMEWORK	26.09.2003
104743	ALU	03292358.3	EP1408646	DE	HIERARCHICAL AND DYNAMICAL DESCRIPTOR OF MANAGED NETWORK ELEMENT FOR NETWORK MANAGEMENT SYSTEM USING A JAVA BASED FRAMEWORK	26.09.2003
104743	ALU	03292358.3	EP1408646	GB	HIERARCHICAL AND DYNAMICAL DESCRIPTOR OF MANAGED NETWORK ELEMENT FOR NETWORK MANAGEMENT SYSTEM USING A JAVA BASED FRAMEWORK	26.09.2003
802506	ALU	0800282	FR2926695	FR	User generated and shared ¿best of¿ contents	21.01.2008
802329	ALU	12/164646	US8424036	US	TARGETED/ADDRESSABLE AD INSERTION BY MEANS OF THE FAST CHANNEL CHANGE METHOD	30.06.2008
105657	ALU	06116861.3	EP1764887	FR	STRUCTURE AND PROCESSING OF AN ELECTRO-ABSORPTION MODULATED LASER SUITABLE FOR LOW COST, COOLER-LESS, HIGH SPEED TRANSMITTERS	07.07.2006
105657	ALU	06116861.3	EP1764887	DE	STRUCTURE AND PROCESSING OF AN ELECTRO-ABSORPTION MODULATED LASER SUITABLE FOR LOW COST, COOLER-LESS, HIGH SPEED TRANSMITTERS	07.07.2006
105657	ALU	06116861.3	EP1764887	IT	STRUCTURE AND PROCESSING OF AN ELECTRO-ABSORPTION MODULATED LASER SUITABLE FOR LOW COST, COOLER-LESS, HIGH SPEED TRANSMITTERS	07.07.2006
105657	ALU	06116861.3	EP1764887	GB	STRUCTURE AND PROCESSING OF AN ELECTRO-ABSORPTION MODULATED LASER SUITABLE FOR LOW COST, COOLER-LESS, HIGH SPEED TRANSMITTERS	07.07.2006
131134	ALU	01401932.7	EP1176745	FR	Lambda concatenation in WDM networks	19.07.2001
131134	ALU	01401932.7	EP1176745	DE	Lambda concatenation in WDM networks	19.07.2001
131134	ALU	01401932.7	EP1176745	GB	Lambda concatenation in WDM networks	19.07.2001
801430	ALU	12/008856	US9451036	US	FINGERPRINTING SYSTEMS AND OPERATING SYSTEMS IN A NETWORK	15.01.2008
801731	ALU	12/007304	US7520778	US	Pressure Ring in Plastic Clamping Plate to Overcome Compression Stress Relaxation (CSR) Between Polymer Gasket and Plastic Plate to Seal a DIN 7/16 Connector	09.01.2008
801664	ALU	12/010489	US7751408	US	Circuit Emulation Over An IP Interworking VLL	25.01.2008
114755	ALU	05292023.8	EP1770827	FR	calibration method for smart antenna systems	28.09.2005
114755	ALU	05292023.8	EP1770827	DE	calibration method for smart antenna systems	28.09.2005
114755	ALU	05292023.8	EP1770827	GB	calibration method for smart antenna systems	28.09.2005
103492	ALU	02290144.1	EP1271890	FR	CONFIGURATION OF EDGE ROUTERS FOR CONTROL OF ACTIVE PACKETS	21.01.2002
103492	ALU	02290144.1	EP1271890	DE	CONFIGURATION OF EDGE ROUTERS FOR CONTROL OF ACTIVE PACKETS	21.01.2002
103492	ALU	02290144.1	EP1271890	GB	CONFIGURATION OF EDGE ROUTERS FOR CONTROL OF ACTIVE PACKETS	21.01.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
105896	ALU	12/066776	US7657142	US	OPTICAL FIBER DRAWING STEP IMPROVEMENT	28.08.2006
802935	ALU	0851173	FR2928061	FR	interaction between handsets and urban furnitures	25.02.2008
134187	ALU	05027717.7	EP1677454	FR	TRAFFIC GENERATOR/MONITOR MODE	19.12.2005
134187	ALU	05027717.7	EP1677454	DE	TRAFFIC GENERATOR/MONITOR MODE	19.12.2005
134187	ALU	05027717.7	EP1677454	GB	TRAFFIC GENERATOR/MONITOR MODE	19.12.2005
114609	ALU	05292482.6	EP1788729	FR	Control signal for Raman gain tuning	21.11.2005
114609	ALU	05292482.6	EP1788729	DE	Control signal for Raman gain tuning	21.11.2005
114609	ALU	05292482.6	EP1788729	GB	Control signal for Raman gain tuning	21.11.2005
802152	ALU	0851121	FR2928064	FR	SIM-less device access for security services	21.02.2008
120996	ALU	04292292.2	EP1641173	FR	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	DE	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	IT	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	NL	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	PL	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	ES	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	GB	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
104398	ALU	02719856.3	EP1474878	FR	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
104398	ALU	02719856.3	EP1474878	DE	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
104398	ALU	02719856.3	EP1474878	IT	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
104398	ALU	02719856.3	EP1474878	ES	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
104398	ALU	02719856.3	EP1474878	GB	SYSTEME HYBRIDE MULTI-SPOTS A REUTILISATION DE FREQUENCE	01.02.2002
801658	ALU	12/039817	US8181249	US	Malware Detection System and Method	29.02.2008
802741	ALU	12/071982	US8885644	US	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	28.02.2008
802921	ALU	12/071983	US7889665	US	Bridgeport Private MAC Address Discovery Mechanism In Ethernet Access Networks	28.02.2008
803003	ALU	12/073106	US7929450	US	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	29.02.2008
803004	ALU	12/073107	US7940683	US	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	29.02.2008
803007	ALU	12/073108	US7953017	US	APPLICATION SPECIFIC SERVICE PING PACKAGE	29.02.2008
803027	ALU	12/071861	US9100268	US	Application Aware MPLS Tunnel Selection	27.02.2008
114949	ALU	06290214.3	EP1816752	FR	Software defined concept for a multi-band multi-standard transceiver for wireless communication base-stations	06.02.2006
114949	ALU	06290214.3	EP1816752	DE	Software defined concept for a multi-band multi-standard transceiver for wireless communication base-stations	06.02.2006
114949	ALU	06290214.3	EP1816752	GB	Software defined concept for a multi-band multi-standard transceiver for wireless communication base-stations	06.02.2006
802578	ALU	12/075375	US7746657	US	10G XFP Compliant PCB	11.03.2008
121082	ALU	05290453.9	EP1696633	GB	BI-DIRECTIONAL SOAP SESSION OVER UNI DIRECTIONAL HTTP SESSION.	28.02.2005
139405	ALU	2374/DELNP/2008		IN	CONFERENCE ACTIVITY PRESENCE	02.08.2006
150117	ALU	06847267.9		EP	Distributed Architecture of an Expandable Access Node	30.10.2006
102612	ALU	00403012.8	EP1098293	FR	Asiatic character presence indicator in a displayable WML-Card.	30.10.2000
102612	ALU	00403012.8	EP1098293	DE	Asiatic character presence indicator in a displayable WML-Card.	30.10.2000
102612	ALU	00403012.8	EP1098293	IT	Asiatic character presence indicator in a displayable WML-Card.	30.10.2000
102612	ALU	00403012.8	EP1098293	ES	Asiatic character presence indicator in a displayable WML-Card.	30.10.2000
102612	ALU	00403012.8	EP1098293	GB	Asiatic character presence indicator in a displayable WML-Card.	30.10.2000
114984	ALU	06300537.5	EP1863227	FR	Emergency services capitalizing on location information statistics in case of wireless network failure	31.05.2006
114984	ALU	06300537.5	EP1863227	DE	Emergency services capitalizing on location information statistics in case of wireless network failure	31.05.2006
114984	ALU	06300537.5	EP1863227	GB	Emergency services capitalizing on location information statistics in case of wireless network failure	31.05.2006
801433	ALU	12/049743	US8155028	US	MPLS LSP Automation Engine For Ring Topologies	17.03.2008
802946	ALU	08300152.9		EP	Microwave Universal Packet Compression	21.03.2008
800830	ALU	200810098479.1	ZL200810098479.1	CN	Adaptive jitter buffer for asynchronous connection support	28.05.2008

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
105107	ALU	04291814.4	EP1503541	FR	FLEXIBLE PERSISTENCY MECHANISM FOR NETWORK ELEMENT MANAGEMENT	15.07.2004
105107	ALU	04291814.4	EP1503541	DE	FLEXIBLE PERSISTENCY MECHANISM FOR NETWORK ELEMENT MANAGEMENT	15.07.2004
105107	ALU	04291814.4	EP1503541	GB	FLEXIBLE PERSISTENCY MECHANISM FOR NETWORK ELEMENT MANAGEMENT	15.07.2004
121276	ALU	06300570.6	EP1865647	FR	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	09.06.2006
121276	ALU	06300570.6	EP1865647	DE	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	09.06.2006
121276	ALU	06300570.6	EP1865647	IT	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	09.06.2006
121276	ALU	06300570.6	EP1865647	NL	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	09.06.2006
121276	ALU	06300570.6	EP1865647	ES	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	09.06.2006
121276	ALU	06300570.6	EP1865647	GB	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	09.06.2006
800752	ALU	0801812	FR2929798	FR	Intelligent directory	02.04.2008
802740	ALU	12/078701	US8165024	US	VIDEO DENTING ON NETWORK CONGESTION USING IN-LINE DPI APPLIANCE	03.04.2008
802507	ALU	0852523		FR	Customer positioning management in an advertising system	15.04.2008
115130	ALU	06300793.4	EP1879307	FR	Passive optical protection box	11.07.2006
115130	ALU	06300793.4	EP1879307	DE	Passive optical protection box	11.07.2006
115130	ALU	06300793.4	EP1879307	GB	Passive optical protection box	11.07.2006
105831	ALU	12/092857	US7782756	US	NEW FAMILY OF OPTIMISED CODES	06.10.2008
131173	ALU	01401963.2	EP1278315	FR	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	20.07.2001
131173	ALU	01401963.2	EP1278315	DE	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	20.07.2001
131173	ALU	01401963.2	EP1278315	GB	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	20.07.2001
131272	ALU	04290901.0	EP1585271	FR	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	05.04.2004
131272	ALU	04290901.0	EP1585271	DE	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	05.04.2004
131272	ALU	04290901.0	EP1585271	GB	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	05.04.2004
121096	ALU	04292930.7	EP1670202	FR	AUTONOMOUS SPECTRUM BALANCING FOR DIGITAL SUBSCRIBER LINES.	08.12.2004
121096	ALU	04292930.7	EP1670202	DE	AUTONOMOUS SPECTRUM BALANCING FOR DIGITAL SUBSCRIBER LINES.	08.12.2004
121096	ALU	04292930.7	EP1670202	GB	AUTONOMOUS SPECTRUM BALANCING FOR DIGITAL SUBSCRIBER LINES.	08.12.2004
115062	ALU	06300895.7	EP1892877	FR	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	25.08.2006
115062	ALU	06300895.7	EP1892877	DE	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	25.08.2006
115062	ALU	06300895.7	EP1892877	GB	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	25.08.2006
115166	ALU	06291217.5	EP1883163	FR	Tuneable filter control in SDR- Base Stations using the predistortion feedback chain	25.07.2006
115166	ALU	06291217.5	EP1883163	DE	Tuneable filter control in SDR- Base Stations using the predistortion feedback chain	25.07.2006
115166	ALU	06291217.5	EP1883163	GB	Tuneable filter control in SDR- Base Stations using the predistortion feedback chain	25.07.2006
135815	ALU	02010160.6	EP1259011	FR	COMMON PROTECTION ARCHITECTURE ON SHARED PROTECTION RINGS	14.05.2002
135815	ALU	02010160.6	EP1259011	DE	COMMON PROTECTION ARCHITECTURE ON SHARED PROTECTION RINGS	14.05.2002
135815	ALU	02010160.6	EP1259011	GB	COMMON PROTECTION ARCHITECTURE ON SHARED PROTECTION RINGS	14.05.2002
801297	ALU	12/112939	US7940182	US	METHOD FOR WRITING CABLE RFID INFORMATION	30.04.2008
121284	ALU	200680046280.3	ZL200680046280.3	CN	EXTENDED ADF SOLUTION	10.11.2006
121284	ALU	12/093205	US8718041	US	EXTENDED ADF SOLUTION	10.11.2006
104303	ALU	03778412.1	EP1557068	FR	ADD-DROP COMBINED WITH A SWITCH	21.10.2003
104303	ALU	03778412.1	EP1557068	DE	ADD-DROP COMBINED WITH A SWITCH	21.10.2003
104303	ALU	03778412.1	EP1557068	GB	ADD-DROP COMBINED WITH A SWITCH	21.10.2003
800280	ALU	12/107836	US8045852	US	Channel Balancing Algorithm	23.04.2008
803000	ALU	200810187148.5	ZL200810187148.5	CN	Packet transport with reduced header processing	17.12.2008
803000	ALU	12/316285	US7876785	US	Packet transport with reduced header processing	11.12.2008

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801571	ALU	12/116480	US8055129	US	Alien Wavelength Channel Balancing and Line Amplifier Optimization	07.05.2008
115051	ALU	06300752.0	EP1876781	FR	Absolute-Mean-Method for pilot based OFDMA-tracking	04.07.2006
115051	ALU	06300752.0	EP1876781	DE	Absolute-Mean-Method for pilot based OFDMA-tracking	04.07.2006
115051	ALU	06300752.0	EP1876781	GB	Absolute-Mean-Method for pilot based OFDMA-tracking	04.07.2006
802870	ALU	08155322.4		EP	An ROADM structure with additional filtering to combat signal degradation induced by group delay ripple distortions of the switching elements of the ROADM	29.04.2008
802829	ALU	0852781	FR2930703	FR	Anticipated resource scheduling for interactive traffic schemes	25.04.2008
802668	ALU	08290434.3		EP	PREQUALIFICATION AND GROOMING ADVICE FOR DSM 2 AND 3	07.05.2008
802915	ALU	08290436.8		EP	LOCAL ROUTING FOR FEMTO	07.05.2008
802915	ALU	200910137875.5		CN	LOCAL ROUTING FOR FEMTO	05.05.2009
802915	ALU	12/385989	US8189606	US	LOCAL ROUTING FOR FEMTO	27.04.2009
802915	ALU	6827/CHENP/2010		IN	LOCAL ROUTING FOR FEMTO	27.04.2009
802915	ALU	10-2010-7027080	KR10-1495063	KR	LOCAL ROUTING FOR FEMTO	27.04.2009
801686	ALU	08162516.2		EP	Automatic user profile-based content indexing	18.08.2008
801686	ALU	2008231803	JP5280776	JP	Automatic user profile-based content indexing	10.09.2008
801841	ALU	08290437.6		EP	Dynamic preemption	07.05.2008
802714	ALU	10/134382	US6732058	US	Method and Apparatus of Computation Reduction for Tone Detection	30.04.2002
150019	ALU	06849513.4		EP	Network Security Using Recursive Statistics Collection	26.12.2006
801444	ALU	12/133126	US8792346	US	CENTRAL ADMISSION CONTROL FOR MULTICAST TRAFFIC	04.06.2008
801444	ALU	200810109650.4	ZL200810109650.4	CN	CENTRAL ADMISSION CONTROL FOR MULTICAST TRAFFIC	11.06.2008
803482	ALU	10/635544	US7139486	US	Method and Apparatus for Optical Add/Drop Multiplexing in Optical Networks	07.08.2003
106178	ALU	200680052222.1	ZL200680052222.1	CN	DAMA AVEC RESERVATION IMPLICITE DE CAPACITE	29.12.2006
106178	ALU	12/159941	US8649392	US	DAMA AVEC RESERVATION IMPLICITE DE CAPACITE	29.12.2006
150039	ALU	06795340.6	EP1884064	FR	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	06795340.6	EP1884064	DE	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	06795340.6	EP1884064	IT	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	06795340.6	EP1884064	GB	Co-Existing Static And Dymanic IP Multicast	15.05.2006
121238	ALU	5246/DELNP/2008		IN	TV ASSISTED IVR	20.12.2006
121238	ALU	2008546275	JP5400389	JP	TV ASSISTED IVR	20.12.2006
121238	ALU	20087018073	KR101318471	KR	TV ASSISTED IVR	20.12.2006
115241	ALU	06301076.3	EP1916789	FR	Synchronization method for MAC PDUs in a WiMAX System (IEEE 802.16-2004, IEEE 802.16e-2005)	23.10.2006
115241	ALU	06301076.3	EP1916789	DE	Synchronization method for MAC PDUs in a WiMAX System (IEEE 802.16-2004, IEEE 802.16e-2005)	23.10.2006
115241	ALU	06301076.3	EP1916789	GB	Synchronization method for MAC PDUs in a WiMAX System (IEEE 802.16-2004, IEEE 802.16e-2005)	23.10.2006
139059	ALU	03018815.5	EP1395003	FR	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	DE	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	IT	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	NL	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	ES	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	GB	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
131116	ALU	01400220.8	EP1122903	DE	Method to calculate the current route of paths on MS SP rings	29.01.2001
803465	ALU	0853827	FR2932343	FR	Communication Hyperlink System	10.06.2008
802512	ALU	08290463.2		EP	SYSTEM AND METHOD FOR RFID APPLICATION MANAGEMENT	19.05.2008
150286	ALU	12/141432	US8514880	US	Multi-Shelf Hybrid IP/ATM DSLAM Architecture	18.06.2008
121239	ALU	2007214028	AU2007214028	AU	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	02.02.2007
121239	ALU	2008553663	JP4959725	JP	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	02.02.2007
121239	ALU	MX/a/2008/00805	MX280389	MX	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	02.02.2007
121239	ALU	2008136016	RU2449479	RU	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	02.02.2007
121239	ALU	20087019050	KR101291523	KR	RETRANSMISSION WITH AN AGENT AT THE PHYSICAL LAYER.	02.02.2007
105761	ALU	06012993.9	EP1737157	FR	TIME CREDIT TRANSFER SERVICE BETWEEN MOBILE PHONES	23.06.2006
105761	ALU	06012993.9	EP1737157	DE	TIME CREDIT TRANSFER SERVICE BETWEEN MOBILE PHONES	23.06.2006
105761	ALU	06012993.9	EP1737157	IT	TIME CREDIT TRANSFER SERVICE BETWEEN MOBILE PHONES	23.06.2006
105761	ALU	06012993.9	EP1737157	ES	TIME CREDIT TRANSFER SERVICE BETWEEN MOBILE PHONES	23.06.2006
105761	ALU	06012993.9	EP1737157	GB	TIME CREDIT TRANSFER SERVICE BETWEEN MOBILE PHONES	23.06.2006

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
121005	ALU	04290567.9	EP1571799	FR	MAC ADDRESS ANTI-SPOOFING FOR A SECURE ETHERNET BROADBAND ACCESS NETWORK	02.03.2004
121005	ALU	04290567.9	EP1571799	DE	MAC ADDRESS ANTI-SPOOFING FOR A SECURE ETHERNET BROADBAND ACCESS NETWORK	02.03.2004
121005	ALU	04290567.9	EP1571799	GB	MAC ADDRESS ANTI-SPOOFING FOR A SECURE ETHERNET BROADBAND ACCESS NETWORK	02.03.2004
802939	ALU	0854124	FR2932942	FR	Communication release interactive task creation	23.06.2008
803607	ALU	10/635561	US7224909	US	Method and System for Selective Optical Payload Cancellation	07.08.2003
803626	ALU	10/612908	US6912340	US	Optical Ring Interconnect	07.07.2003
803045	ALU	0854399	FR2933255	FR	Added-value label manager implementation for RSVP-TE in WDM networks	30.06.2008
802399	ALU	12/164703	US8108893	US	USER INTERACTIVE TARGETED ADS	30.06.2008
803066	ALU	12/165150	US8438582	US	Soft Denial Of Application Actions Over The Network Communications	30.06.2008
106264	ALU	12/278090	US8340012	US	MBMS CONTROL CHANNEL MONITORING WITHOUT MBMS INDICATION CHANNEL	28.10.2008
121021	ALU	04292239.3	EP1638288	FR	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
121021	ALU	04292239.3	EP1638288	DE	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
121021	ALU	04292239.3	EP1638288	IT	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
121021	ALU	04292239.3	EP1638288	GB	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
114701	ALU	05291497.5	EP1744168	FR	Radio base station with multipurpose VSWR measurement unit	11.07.2005
114701	ALU	05291497.5	EP1744168	DE	Radio base station with multipurpose VSWR measurement unit	11.07.2005
114701	ALU	05291497.5	EP1744168	GB	Radio base station with multipurpose VSWR measurement unit	11.07.2005
114973	ALU	06290395.0	EP1832905	FR	Protected optical interface in a wall of a housing	07.03.2006
114973	ALU	06290395.0	EP1832905	DE	Protected optical interface in a wall of a housing	07.03.2006
114973	ALU	06290395.0	EP1832905	IT	Protected optical interface in a wall of a housing	07.03.2006
114973	ALU	06290395.0	EP1832905	ES	Protected optical interface in a wall of a housing	07.03.2006
114973	ALU	06290395.0	EP1832905	CH	Protected optical interface in a wall of a housing	07.03.2006
114973	ALU	06290395.0	EP1832905	GB	Protected optical interface in a wall of a housing	07.03.2006
802836	ALU	08013004.0		EP	Polarization insensitive injection locked laser diodes for access applications	18.07.2008
131121	ALU	00403544.0	EP1113616	FR	Clock recovery method and apparatus	14.12.2000
131121	ALU	00403544.0	EP1113616	DE	Clock recovery method and apparatus	14.12.2000
131121	ALU	00403544.0	EP1113616	GB	Clock recovery method and apparatus	14.12.2000
803141	ALU	0855102	FR2934451	FR	Proxy-based SIP third party call control	25.07.2008
803797	ALU	10/435458	US7317731	US	System and Method for Distributed Resource Reservation Protocol - Traffic Engineering (RSVP-TE) Hitless Restart in Multi-Protocol Label Switching (MPLS) Network	12.05.2003
121270	ALU	2008555659	JP5136992	JP	DEDICATED ADVERTISEMENT CHANNEL.	02.02.2007
121270	ALU	20087020413	KR101310536	KR	DEDICATED ADVERTISEMENT CHANNEL.	02.02.2007
105296	ALU	05749199.5	EP1735882	FR	MICROSTRUCTURED FIBRE WITH REDUCED LEAKAGE LOSSES	01.04.2005
105296	ALU	05749199.5	EP1735882	DE	MICROSTRUCTURED FIBRE WITH REDUCED LEAKAGE LOSSES	01.04.2005
105296	ALU	05749199.5	EP1735882	IT	MICROSTRUCTURED FIBRE WITH REDUCED LEAKAGE LOSSES	01.04.2005
105296	ALU	05749199.5	EP1735882	GB	MICROSTRUCTURED FIBRE WITH REDUCED LEAKAGE LOSSES	01.04.2005
803279	ALU	0855453	FR2934939	FR	iSLS - Identifying Service Level Specification at the Network layer	06.08.2008
121017	ALU	04292999.2	EP1672827	FR	ENHANCED NOISE MEASUREMENT.	15.12.2004
121017	ALU	04292999.2	EP1672827	DE	ENHANCED NOISE MEASUREMENT.	15.12.2004
121017	ALU	04292999.2	EP1672827	GB	ENHANCED NOISE MEASUREMENT.	15.12.2004
129210	ALU	01402848.4	EP1206053	FR	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	DE	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	IT	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	ES	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	GB	Common burst synchronization method	05.11.2001
114564	ALU	05291569.1	EP1746742	FR	Training Sequence Code Detection for GSM Access Bursts	20.07.2005
114564	ALU	05291569.1	EP1746742	DE	Training Sequence Code Detection for GSM Access Bursts	20.07.2005
114564	ALU	05291569.1	EP1746742	GB	Training Sequence Code Detection for GSM Access Bursts	20.07.2005
106043	ALU	200780013090.6	ZL200780013090.6	CN	INTERACTIVE USER PROFILE COMMUNITY	16.03.2007
106043	ALU	2009500892	JP5313864	JP	INTERACTIVE USER PROFILE COMMUNITY	16.03.2007
106043	ALU	12/293721	US8424039	US	INTERACTIVE USER PROFILE COMMUNITY	16.03.2007
150262	ALU	200780017661.3	ZL200780017661.3	CN	Port Association For Port Operational Status Event Monitoring	14.05.2007
106463	ALU	200810173756.0	ZL200810173756.0	CN	HOW TO IMPROVE THE BALANCE OF LATENCY ON TDM TRAFFIC VS. TRANSPORT EFFICIENCY	27.09.2008

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
106463	ALU	12/239157	US8023505	US	HOW TO IMPROVE THE BALANCE OF LATENCY ON TDM TRAFFIC VS. TRANSPORT EFFICIENCY	26.09.2008
803524	ALU	12/200711	US8477718	US	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	28.08.2008
803525	ALU	12/200658	US8626954	US	Application-Aware M:N Hot Redundancy For DPI-Based Application Engines	28.08.2008
803138	ALU	12/200598	US8159941	US	In-Band DPI Media Reservation Modifications To RFC3313	28.08.2008
803722	ALU	12/192553	US9032433	US	Personalized Ads Insertion During Start Over Service	15.08.2008
801271	ALU	12/194589	US8289996	US	Multi-Purpose PDU Container For Delineating PDU Datagrams And PDU Datagram Attributes In An 8B10B Coded System	20.08.2008
803837	ALU	12/461847	US7940120	US	POWER AMPLIFIER LINEARIZATION USING RF FEEDBACK	26.08.2009
803981	ALU	10/191548	US7274656	US	Protection System and Method for Resilient Packet Ring (RPR) Interconnection	10.07.2002
803335	ALU	0856104	FR2935858	FR	IMS call control from Enterprise	11.09.2008
804005	ALU	09/900153	US6789097	US	Real-Time Method For Bit-Reversal of Large Size Arrays	09.07.2001
801623	ALU	200810175637.9	ZL101431470	CN	Digital RF Combining Device for Indoor Wireless Systems	07.11.2008
801623	ALU	12265511	US8085782	US	Digital RF Combining Device for Indoor Wireless Systems	05.11.2008
139279	ALU	05022018.5	EP1648118	FR	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	10.10.2005
139279	ALU	05022018.5	EP1648118	DE	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	10.10.2005
139279	ALU	05022018.5	EP1648118	GB	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	10.10.2005
139292	ALU	05014353.6	EP1615377	FR	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	01.07.2005
139292	ALU	05014353.6	EP1615377	DE	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	01.07.2005
139292	ALU	05014353.6	EP1615377	GB	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	01.07.2005
120292	ALU	99402898.3	EP1102514	FR	SMART XDSL/POTS SPLITTER.	19.11.1999
120292	ALU	99402898.3	EP1102514	DE	SMART XDSL/POTS SPLITTER.	19.11.1999
120292	ALU	99402898.3	EP1102514	GB	SMART XDSL/POTS SPLITTER.	19.11.1999
134195	ALU	05028426.4	EP1677468	FR	RETAINING USAGE OF THE PRIMARY ROUTER MAC ADDRESS THROUGH OUT MULTIPLE FAILURE OF THE PRIMARY ELEMENT OF A STACK OF SWITCHES/ROUTERS	23.12.2005
134195	ALU	05028426.4	EP1677468	DE	RETAINING USAGE OF THE PRIMARY ROUTER MAC ADDRESS THROUGH OUT MULTIPLE FAILURE OF THE PRIMARY ELEMENT OF A STACK OF SWITCHES/ROUTERS	23.12.2005
134195	ALU	05028426.4	EP1677468	GB	RETAINING USAGE OF THE PRIMARY ROUTER MAC ADDRESS THROUGH OUT MULTIPLE FAILURE OF THE PRIMARY ELEMENT OF A STACK OF SWITCHES/ROUTERS	23.12.2005
803950	ALU	12/212868	US8542581	US	AP-INTRUSION PREVENTION: A PROACTIVE METHOD TO EXPOSE MALICIOUS CLIENTS IN WIRELESS ACCESS NETWORKS	18.09.2008
804028	ALU	10/107333	US7184434	US	Label Distribution Protocol Supporting Multiple Classes of Service in a Multi Protocol Label Switching (MPLS) Network, Methods and MPLS Network Using Thereof	28.03.2002
114218	ALU	03292571.1	EP1524781	FR	Low-cost optical link monitoring functionality integrated into transmission equipment	15.10.2003
114218	ALU	03292571.1	EP1524781	DE	Low-cost optical link monitoring functionality integrated into transmission equipment	15.10.2003
114218	ALU	03292571.1	EP1524781	GB	Low-cost optical link monitoring functionality integrated into transmission equipment	15.10.2003
803973	ALU	12/233561	US8769682	US	MECHANISM FOR IDENTIFYING MALICIOUS CONTENT, DOS ATTACKS AND ILLEGAL IPTV SERVICES	18.09.2008
803949	ALU	12/233474	US8650630	US	WORM FISHING: A PROACTIVE METHOD TO HELP EXPOSE WORMS USING MOBILE IP MESSAGES	18.09.2008
137794	ALU	200810095852.8	ZL200810095852.8	CN	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	28.04.2004
104054	ALU	03291322.0	EP1369725	FR	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
104054	ALU	03291322.0	EP1369725	DE	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
104054	ALU	03291322.0	EP1369725	IT	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
104054	ALU	03291322.0	EP1369725	GB	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
103863	ALU	02290420.5	EP1241491	FR	Double-clad photonic optical fiber	21.02.2002
103863	ALU	02290420.5	EP1241491	DE	Double-clad photonic optical fiber	21.02.2002
103863	ALU	02290420.5	EP1241491	GB	Double-clad photonic optical fiber	21.02.2002
135594	ALU	00126462.1	EP1113299	FR	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	07.12.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
135594	ALU	00126462.1	EP1113299	DE	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	07.12.2000
135594	ALU	00126462.1	EP1113299	GB	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	07.12.2000
106067	ALU	05300895.9	EP1783928	FR	SPREADING TECHNIQUE APPLIED TO BROADBAND MOBILE COMMUNICATIONS BY SATELLITE RELYING ON DVB-RCS	07.11.2005
106067	ALU	05300895.9	EP1783928	DE	SPREADING TECHNIQUE APPLIED TO BROADBAND MOBILE COMMUNICATIONS BY SATELLITE RELYING ON DVB-RCS	07.11.2005
106067	ALU	05300895.9	EP1783928	GB	SPREADING TECHNIQUE APPLIED TO BROADBAND MOBILE COMMUNICATIONS BY SATELLITE RELYING ON DVB-RCS	07.11.2005
135785	ALU	02009324.1	EP1263244	FR	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	DE	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	IT	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	NL	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	ES	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	GB	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
804121	ALU	09/310795	US6999990	US	Technical Support Chain Automation With Guided Self-Help Capability, Escalation to Live Help and Active Journaling	12.05.1999
804122	ALU	09/310399	US6542898	US	Technical Support Chain Automation With Guided Self-Help Capability Using Active Content Developed for Specific Audiences	12.05.1999
804123	ALU	09/215873	US6615240	US	Technical Support Chain Automation With Guided Self-Help Capability and Option to Escalate to Live Help	18.12.1998
804124	ALU	09/215880	US6694314	US	Technical Support Chain Automation With Guided Self-Help Capability via a System Supplied Search String	18.12.1998
804125	ALU	09/216212	US6477531	US	Technical Support Chain Automation With Guided Self-Help Capability Using Active Content	18.12.1998
804126	ALU	09/505502	US6658598	US	Technical Support Chain Automation with Guided Self-Help Capability Using Active Content Assertions	17.02.2000
131120	ALU	01401538.2	EP1168688	FR	Transceiver telescope for through-air communication bidirectional link	14.06.2001
131120	ALU	01401538.2	EP1168688	DE	Transceiver telescope for through-air communication bidirectional link	14.06.2001
131120	ALU	01401538.2	EP1168688	GB	Transceiver telescope for through-air communication bidirectional link	14.06.2001
803035	ALU	200910211666.0	ZL200910211666.0	CN	7TH ORDER UNIVERSAL ISDN/POTS SPLITTER	10.10.2009
803035	ALU	12/588112	US8467522	US	7TH ORDER UNIVERSAL ISDN/POTS SPLITTER	05.10.2009
801248	ALU	200810174003.1	ZL200810174003.1	CN	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	11.11.2008
801926	ALU	200810184169.1	ZL200810184169.1	CN	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	16.12.2008
801926	ALU	12/335955	US8121608	US	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	16.12.2008
803212	ALU	08290962.3		EP	Power-based ad pre-selection for delivery on mobile devices	14.10.2008
121217	ALU	06291279.5	EP1885088	FR	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	04.08.2006
121217	ALU	06291279.5	EP1885088	DE	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	04.08.2006
121217	ALU	06291279.5	EP1885088	GB	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	04.08.2006
803070	ALU	0857383	FR2938143	FR	Security Assurance and Control at Network Management Layer	30.10.2008
137869	ALU	05783095.2	EP1751935	FR	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
137869	ALU	05783095.2	EP1751935	DE	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
137869	ALU	05783095.2	EP1751935	GB	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
137915	ALU	05300816.5	EP1655893	FR	Simulated Annealing For Traffic Matrix Estimation (SATME)	13.10.2005
137915	ALU	05300816.5	EP1655893	DE	Simulated Annealing For Traffic Matrix Estimation (SATME)	13.10.2005
137915	ALU	05300816.5	EP1655893	GB	Simulated Annealing For Traffic Matrix Estimation (SATME)	13.10.2005
803815	ALU	12/258342	US7887241	US	Dual-Use Adapter for Fiber-Optic Connections	24.10.2008
804275	ALU	10/128290	US7092404	US	Interposer Chip for Protocol Conversion	24.04.2002
800797	ALU	12/261396	US7872993	US	Method And System For Classifying Data Packets	30.10.2008
804279	ALU	10/143780	US7120165	US	Method and System for Allocating and Controlling Labels in Multi-Protocol Label Switched Networks	14.05.2002
804286	ALU	11/452922	US8055746	US	Improved Management of Optical Equipment in an Optical Network	15.06.2006
804288	ALU	10/247472	US7751418	US	An Apparatus and Method for Controlling Data Transmission	20.09.2002
803946	ALU	12/263111	US7876792	US	COMMON TIMING REFERENCE	31.10.2008
804296	ALU	09/991683	US6597161	US	Method and Apparatus for Spectrum Analysis with Variable Detection Latency and Multiple Layer Coherent Integrations	06.11.2001
804313	ALU	09/963501	US6968131	US	Topology Discovery in Optical WDM Networks	27.09.2001
804314	ALU	10/259290	US7248798	US	Method and System for Identification of Channels in an Optical Network	30.09.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804314	ALU	2430797	CA2430797	CA	Method and System for Identification of Channels in an Optical Network	02.06.2003
804314	ALU	10/452511	US7142783	US	Method and System for Identification of Channels in an Optical Network	03.06.2003
802886	ALU	12/266705	US8351337	US	Tools that Facilitate Diagnostics for Mobile Backhaul Networks	07.11.2008
804336	ALU	09/972991	US7054556	US	Channel Identification in Communications Networks	10.10.2001
804336	ALU	10/067748	US7158723	US	Channel Identification in Communications Networks	02.02.2002
804336	ALU	10/263959	US7155122	US	Channel Identification in Communications Networks	04.10.2002
804336	ALU	11/511248	US7551858	US	Channel Identification in Communications Networks	29.08.2006
802622	ALU	12/316187	US8138748	US	Differenzgetriebe als Absolutwertgeber	10.12.2008
802622	ALU	200810184371.4	ZL200810184371.4	CN	Differenzgetriebe als Absolutwertgeber	10.12.2008
115147	ALU	06300930.2	EP1898554	FR	GMPLS Resilience Expert Tool	06.09.2006
115147	ALU	06300930.2	EP1898554	DE	GMPLS Resilience Expert Tool	06.09.2006
115147	ALU	06300930.2	EP1898554	GB	GMPLS Resilience Expert Tool	06.09.2006
804336	ALU	2764461.6	EP1433278	FR	Channel Identification in Communications Networks	04.10.2002
804336	ALU	2764461.6	EP1433278	DE	Channel Identification in Communications Networks	04.10.2002
804336	ALU	2764461.6	EP1433278	GB	Channel Identification in Communications Networks	04.10.2002
804336	ALU	04027996.0	EP1508988	FR	Channel Identification in Communications Networks	10.04.2002
804336	ALU	04027996.0	EP1508988	DE	Channel Identification in Communications Networks	10.04.2002
804336	ALU	04027996.0	EP1508988	GB	Channel Identification in Communications Networks	10.04.2002
121276	ALU	6649/CHENP/2008		IN	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	21.03.2007
121276	ALU	20097000382	KR101320914	KR	APPLICATION CONTROLLED RESYNCHRONIZATION OF A COMMUNICATION SYSTEM.	21.03.2007
803993	ALU	0857978	FR2938995	FR	Application to select dynamically the best Wireless Network Interface in a dual-mode handset	25.11.2008
131338	ALU	06291800.8	EP1926256	FR	Phase aligner for Virtual Concatenation termination	22.11.2006
131338	ALU	06291800.8	EP1926256	DE	Phase aligner for Virtual Concatenation termination	22.11.2006
131338	ALU	06291800.8	EP1926256	GB	Phase aligner for Virtual Concatenation termination	22.11.2006
150289	ALU	200780029014.4	ZL200780029014.4	CN	Pluggable Node	31.07.2007
106140	ALU	2009518849	JP4711203	JP	OPTICAL TIME-TO-LIVE	04.07.2007
802923	ALU	200910005708.5	ZL200910005708.5	CN	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	03.02.2009
802923	ALU	12/364118	US8681854	US	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	02.02.2009
131249	ALU	03292543.0	EP1411653	FR	AN AUTOMATIC ADJUSTABLE VARIABLE GAIN ANTENNA FOR FREE SPACE OPTICS	14.10.2003
131249	ALU	03292543.0	EP1411653	DE	AN AUTOMATIC ADJUSTABLE VARIABLE GAIN ANTENNA FOR FREE SPACE OPTICS	14.10.2003
131249	ALU	03292543.0	EP1411653	GB	AN AUTOMATIC ADJUSTABLE VARIABLE GAIN ANTENNA FOR FREE SPACE OPTICS	14.10.2003
131116	ALU	01400220.8	EP1122903	FR	Method to calculate the current route of paths on MS SP rings	29.01.2001
131116	ALU	01400220.8	EP1122903	GB	Method to calculate the current route of paths on MS SP rings	29.01.2001
106140	ALU	20087032195	KR1022640	KR	OPTICAL TIME-TO-LIVE	04.07.2007
114072	ALU	03027017.7	EP1533912	FR	Resource Efficient Path Searcher for CDMA/UMTS	22.11.2003
114072	ALU	03027017.7	EP1533912	DE	Resource Efficient Path Searcher for CDMA/UMTS	22.11.2003
114072	ALU	03027017.7	EP1533912	GB	Resource Efficient Path Searcher for CDMA/UMTS	22.11.2003
802719	ALU	12/321081	US8320764	US	Coherent PolSK-PSK modulation format for improved tolerance to both linear and non linear effects.	14.01.2009
801849	ALU	200810187093.8	ZL200810187093.8	CN	Diversity bROADBAND rADIATING eLEMENT	22.12.2008
801849	ALU	12/339576	US8416141	US	Diversity bROADBAND rADIATING eLEMENT	19.12.2008
802506	ALU	3316/CHE/2008		IN	User generated and shared ¿best of¿ contents	30.12.2008
802506	ALU	2008332298	JP5336839	JP	User generated and shared ¿best of¿ contents	26.12.2008
802506	ALU	20090004544	KR101575905	KR	User generated and shared ¿best of¿ contents	20.01.2009
802506	ALU	12/356166	US8468574	US	User generated and shared ¿best of¿ contents	20.01.2009
802506	ALU	08172879.2		EP	User generated and shared ¿best of¿ contents	24.12.2008
802030	ALU	200910001804.2	ZL200910001804.2	CN	Automatic Ads Correlation	06.01.2009
802257	ALU	200910004829.8	ZL200910004829.8	CN	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	19.01.2009
802257	ALU	12/355114	US8102324	US	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	16.01.2009
802007	ALU	200910001603.2	ZL200910001603.2	CN	Method for protecting a network configuarion set up by a spanning tree protocol	05.01.2009
802007	ALU	12/319496	US7944858	US	Method for protecting a network configuarion set up by a spanning tree protocol	05.01.2009
803277	ALU	10-2011-7016214	KR101591661	KR	PREJOINING: ANTICIPATING THE ACTIVATION OF A DSL LINE	01.12.2009
803016	ALU	12/347530	US7916669	US	Method And System For STP-Aware Subscriber Management	31.12.2008

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
121311	ALU	09305003.7		EP	SEAMLESS TONE REORDERING.	05.01.2009
803334	ALU	12/319390	US8218433	US	Connectivity Check Messages Optimized for Ethernet Ring Networks	07.01.2009
804021	ALU	12/349324	US7953004	US	Minimizing Effects Of Packet Delay Variation In Time-Division Multiplexing Pseudowire	06.01.2009
802885	ALU	12/349441	US7991016	US	High Availability Clock Synchronization and Distribution for Mobile Backhaul Networks	06.01.2009
803447	ALU	0900046	FR2940875	FR	Method And System For Triggering Enriched Presence	07.01.2009
802441	ALU	12/352299	US8094460	US	Multiorientation Land pattern approach to improve PCBA Design / Manufacturing robustness	12.01.2009
802722	ALU	200910003266.0	ZL200910003266.0	CN	Sequencing line tuning through RSVP	01.02.2009
802722	ALU	12/321719	US7855961	US	Sequencing line tuning through RSVP	23.01.2009
121217	ALU	2009107714	RU2411673	RU	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	03.08.2007
121217	ALU	MX/a/2009/001278	MX280139	MX	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	03.08.2007
803483	ALU	09305025.0		EP	QoS enforced solution for broadband wireless ad-hoc networks	12.01.2009
802440	ALU	12/355905	US9317856	US	System, Method And Computer Readable Medium For Application Placement	19.01.2009
120239	ALU	12/262697	US7903664	US	ATM header reduction technique	31.10.2008
104070	ALU	03290551.5	EP1347545	FR	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
104070	ALU	03290551.5	EP1347545	DE	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
104070	ALU	03290551.5	EP1347545	IT	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
104070	ALU	03290551.5	EP1347545	GB	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
114047	ALU	03292843.4	EP1531563	FR	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	14.11.2003
114047	ALU	03292843.4	EP1531563	DE	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	14.11.2003
114047	ALU	03292843.4	EP1531563	GB	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	14.11.2003
115062	ALU	1320/DELNP/2009		IN	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	01.08.2007
115062	ALU	2009524995	JP5021032	JP	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	01.08.2007
115062	ALU	20097005860	KR101110099	KR	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	01.08.2007
804206	ALU	2011-546709	JP5374594	JP	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	27.01.2010
804206	ALU	10-2011-7019830	KR101208941	KR	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	27.01.2010
800011	ALU	2009535639	JP5124587	JP	Adaptive Indoor System	20.11.2007
105947	ALU	06115519.8	EP1734702	FR	STM-1/STS-3 OVER ETHERNET TRANSPORT	15.06.2006
105947	ALU	06115519.8	EP1734702	DE	STM-1/STS-3 OVER ETHERNET TRANSPORT	15.06.2006
105947	ALU	06115519.8	EP1734702	GB	STM-1/STS-3 OVER ETHERNET TRANSPORT	15.06.2006
802935	ALU	12/392643	US8213863	US	interaction between handsets and urban furnitures	25.02.2009
804528	ALU	12/362328	US8125914	US	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	29.01.2009
804092	ALU	0950817		FR	Availability indicator via video	10.02.2009
137353	ALU	200959015	JP5189014	JP	Metallic Test Access	12.03.2009
104332	ALU	03291586.0	EP1379100	FR	WAVEBAND CONCENTRATOR	27.06.2003
104332	ALU	03291586.0	EP1379100	DE	WAVEBAND CONCENTRATOR	27.06.2003
104332	ALU	03291586.0	EP1379100	GB	WAVEBAND CONCENTRATOR	27.06.2003
804610	ALU	09290107.3		EP	FAST ORTHOGONAL CROSSTALK CHANNEL ESTIMATION USING MIXED-LENGTH PILOT SEQUENCES	13.02.2009
800752	ALU	200910126877.4	ZL200910126877.4	CN	Intelligent directory	24.03.2009
800752	ALU	12/379855	US8457683	US	Intelligent directory	03.03.2009
106292	ALU	200780034355.0	ZL200780034355.0	CN	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	20097008143	KR1317093	KR	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	12/311029	US8358607	US	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
800295	ALU	07842364.7	EP2069949	FR	The 2nd SRI Solutions (with/without OR) to the Mobile Termination Call Duing the Inter-VLR Location Update	12.09.2007
800295	ALU	07842364.7	EP2069949	DE	The 2nd SRI Solutions (with/without OR) to the Mobile Termination Call Duing the Inter-VLR Location Update	12.09.2007
800295	ALU	07842364.7	EP2069949	GB	The 2nd SRI Solutions (with/without OR) to the Mobile Termination Call Duing the Inter-VLR Location Update	12.09.2007
801597	ALU	200910134015.6	ZL200910134015.6	CN	Mobile and Wired Phone convergence in residential WiFi coverage	03.04.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801597	ALU	12/414933		US	Mobile and Wired Phone convergence in residential WiFi coverage	31.03.2009
800752	ALU	09153522.9		EP	Intelligent directory	24.02.2009
106178	ALU	06847229.9	EP1972110	FR	DAMA AVEC RESERVATION IMPLICITE DE CAPACITE	29.12.2006
106178	ALU	06847229.9	EP1972110	DE	DAMA AVEC RESERVATION IMPLICITE DE CAPACITE	29.12.2006
106178	ALU	06847229.9	EP1972110	GB	DAMA AVEC RESERVATION IMPLICITE DE CAPACITE	26.12.2006
137627	ALU	04300206.2	EP1487151	FR	Labeling Conversion Gateway for Compartmented Multi Operator Network Management over a Heterogeneous Network	14.04.2004
137627	ALU	04300206.2	EP1487151	DE	Labeling Conversion Gateway for Compartmented Multi Operator Network Management over a Heterogeneous Network	14.04.2004
137627	ALU	04300206.2	EP1487151	GB	Labeling Conversion Gateway for Compartmented Multi Operator Network Management over a Heterogeneous Network	14.04.2004
137571	ALU	03300092.8	EP1427152	FR	Autodiscovery of VLANs	19.08.2003
137571	ALU	03300092.8	EP1427152	DE	Autodiscovery of VLANs	19.08.2003
137571	ALU	03300092.8	EP1427152	GB	Autodiscovery of VLANs	19.08.2003
804002	ALU	12/371300	US8018839	US	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	13.02.2009
804602	ALU	12/371234	US7990870	US	Peer-To-Peer Traffic Management Based On Key Presence In Peer-To-Peer Control Transfers	13.02.2009
804721	ALU	12/371261	US9385992	US	In-Line HAS-Info Based Peer-To-Peer Processing	13.02.2009
102191	ALU	00401544.2	EP1059824	FR	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	DE	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	IT	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	ES	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	GB	Mobile Phone without SIM CARD.	31.05.2000
132687	ALU	08002617.2	EP1914827	FR	Integrated Antenna and Radio Interface	23.10.2002
132687	ALU	08002617.2	EP1914827	DE	Integrated Antenna and Radio Interface	23.10.2002
132687	ALU	08002617.2	EP1914827	GB	Integrated Antenna and Radio Interface	23.10.2002
134247	ALU	200780036501.3	ZL200780036501.3	CN	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	1789/DELNP/2009		IN	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	18.03.2009
134247	ALU	2009530667	JP5405305	JP	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	20097006465	KR101323074	KR	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
804771	ALU	09305337.9		EP	Home Device Communication	21.04.2009
804327	ALU	09305227.2	EP2228926	EP	Dual time Signaling for the distribution of Time in PSNs (DST)	12.03.2009
804023	ALU	12/397955	US7822056	US	LCR Switch With Header Compression	04.03.2009
804426	ALU	12/404023		US	Intrusion Detection For Virtual Layer-2 Services	13.03.2009
803167	ALU	200910148821.9	ZL200910148821.9	CN	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.06.2009
803167	ALU	12/457413	US9294559	US	Scalable And Highly-Available Session Handling In IMS Clustered Applications	10.06.2009
803079	ALU	09290465.5		EP	Manual attachment on customer's Femto cell.	18.06.2009
802247	ALU	09290228.7		EP	Mobility Management in a Mobile Ethernet Network	30.03.2009
804234	ALU	0956793	FR2950746	FR	Technique for polarization tributaries identification	30.09.2009
802507	ALU	200910134353.X	ZL200910134353	CN	Customer positioning management in an advertising system	14.04.2009
802507	ALU	12/420168	US8774768	US	Customer positioning management in an advertising system	08.04.2009
804642	ALU	12/454135	US8311591	US	Closed-Loop Efficiency Modulation For Use In Network Powered Applications	13.05.2009
804328	ALU	12/459252	US8284666	US	Per Flow L2 Packet Flooding Control	29.06.2009
804775	ALU	0955752	FR2949284	FR	Criteria for the selection of physical parameters of bi-directional links	24.08.2009
804620	ALU	0902867	FR2946776	FR	Payment protector system for memory deficient relatives	12.06.2009
803837	ALU	1635/DELNP/2011		IN	POWER AMPLIFIER LINEARIZATION USING RF FEEDBACK	18.08.2009
Abel 2-13-2-11 (CJ)	ALU	09/604842	US6668334	US	Apparatus For Detecting Clock Failure Within A Fixed Number Of Cycles Of The Clock	27.06.2000
Abraham 2-48 (SP)	ALU	09/650058	US6980533	US	A Load Balancing Technique for a Wireless Internet Access System	29.08.2000
Abraham 4-58-16-1 (SP)	ALU	10/057449	US7031254	US	Rate Control System And Method For A Link Within A Wireless Communications System	25.01.2002
Abraham 7-2-67-8-2 (SP)	ALU	10/202271	US7206286	US	Dynamic DCH Allocation Methodology For Packet Data Services In A Wireless Communications System	24.07.2002
Abraham 9-75 (SP)	ALU	10/702748	US7298716	US	Clustering Based Load Adaptive Sleeping Protocol For Ad Hoc Networks	06.11.2003
Abramov 2-5-32 (AA)	ALU	295865/1998	JP3421254	JP	Recoatable Temperature-Insensitive Long-Period Gratings	16.10.1998
Abramov 2-5-32 (AA)	ALU	08/951778	US6011886	US	Recoatable Temperature-Insensitive Long-Period Gratings	16.10.1997

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Abramov 3-5-19-11 (AA)	ALU	09/151794	US6097862	US	Optical Fiber Grating Devices With Enhanced Sensitivity Cladding For Reconfigurability	11.09.1998
Abramov 3-5-19-11 (AA)	ALU	256470/1999	JP3386417	JP	Optical Fiber Grating Devices With Enhanced Sensitivity Cladding For Reconfigurability	10.09.1999
Abramov 3-5-19-11 (AA)	ALU	99306905.3	EP0985941	GB	Optical Fiber Grating Devices With Enhanced Sensitivity Cladding For Reconfigurability	31.08.1999
Abramov 3-5-19-11 (AA)	ALU	99306905.3	EP0985941	IT	Optical Fiber Grating Devices With Enhanced Sensitivity Cladding For Reconfigurability	31.08.1999
Abramov 3-5-19-11 (AA)	ALU	99306905.3	EP0985941	FR	Optical Fiber Grating Devices With Enhanced Sensitivity Cladding For Reconfigurability	31.08.1999
Abramov 3-5-19-11 (AA)	ALU	99306905.3	EP0985941	DE	Optical Fiber Grating Devices With Enhanced Sensitivity Cladding For Reconfigurability	31.08.1999
Acharya 28-12-15 (S)	ALU	20087024368	KR100985607	KR	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	30.03.2007
Acharya 29-13 (S)	ALU	11/427879	US9015782	US	Signal Distribution System With Interrupt Processing And Trick Play Funtionality	30.06.2006
Acharya 29-13 (S)	ALU	20087031501	KR100990326	KR	Signal Distribution System With Interrupt Processing And Trick Play Funtionality	27.06.2007
Acharya 29-13 (S)	ALU	200780024371.1	ZL200780024371.1	CN	Signal Distribution System With Interrupt Processing And Trick Play Funtionality	27.06.2007
Acharya 29-13 (S)	ALU	2009516597	JP5249208	JP	Signal Distribution System With Interrupt Processing And Trick Play Funtionality	27.06.2007
Abys 43-7-3-1-2 (JA)	ALU	09/405368	US6534192	US	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	24.09.1999
Abys 43-7-3-1-2 (JA)	ALU	20000055995	KR0356322	KR	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	23.09.2000
Abys 43-7-3-1-2 (JA)	ALU	2000287891	JP3662825	JP	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	22.09.2000
Abys 43-7-3-1-2 (JA)	ALU	09/941086	US6517893	US	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	28.08.2001
Acharya 24-1-3-13 (S)	ALU	11/126415	US8116209	US	Method And Apparatus For Identifying Errors And Stranded Resources In Networks	11.05.2005
Acharya 28-12-15 (S)	ALU	11/399872	US8494516	US	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	07.04.2006
Acharya 28-12-15 (S)	ALU	2009504234	JP4971424	JP	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	30.03.2007
Acharya 28-12-15 (S)	ALU	200780012508.1	ZL200780012508.1	CN	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	30.03.2007
Acharya 30-4-17 (S)	ALU	11/425566	US7676823	US	User Interface Methods And Apparatus For Roaming Access To Subscription Services	21.06.2006
Acharya 30-4-17 (S)	ALU	07845203.4		EP	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 30-4-17 (S)	ALU	2009516550	JP4949468	JP	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 30-4-17 (S)	ALU	200780023199.8	ZL200780023199.8	CN	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 30-4-17 (S)	ALU	20087029756	KR101037045	KR	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 31-14-18 (S)	ALU	2010513194	JP5269893	JP	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
Acharya 31-14-18 (S)	ALU	200880020750.8	ZL200880020750.8	CN	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
Acharya 31-14-18 (S)	ALU	11/764472	US8949886	US	Targeted Advertisement Insertion With Interface Device Assisted Switching	18.06.2007
Acharya 33-1-19 (S)	ALU	12/197505	US8910197	US	Update Process For Interface Device Based Targarted Information Insertion	25.08.2008
Acharya 35-21 (S)	ALU	12/389903	US9306765	US	Access Node Based Targeted Information Insertion	20.02.2009
Acharya 4-10 (S)	ALU	09/174228	US6571391	US	System And Method For Scheduling On-Demand Broadcasts For Heterogeneous Workloads	16.10.1998
Adamiecki 4-23-120-23-27 (AL)	ALU	11/617350	US7782520	US	Duobinary Modulation With A Lumped-Element Mach-Zehnder Device	28.12.2006
Agazzi 9-12-4 (OE)	ALU	08/281879	US6389178	US	A Method Of Downsampling Documents	28.07.1994
Alfano 2-9-6 (FM)	ALU	20077022254	KR101211941	KR	Telecommunication Network Support For Service Based Policy In Roaming Configurations	28.03.2006
Alfano 2-9-6 (FM)	ALU	200680016754.X	ZL200680016754.X	CN	Telecommunication Network Support For Service Based Policy In Roaming Configurations	28.03.2006
Alfano 2-9-6 (FM)	ALU	2008505365	JP5159606	JP	Telecommunication Network Support For Service Based Policy In Roaming Configurations	28.03.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Alfano 2-9-6 (FM)	ALU	11/098105	US7436766	US	Telecommunication Network Support For Service Based Policy In Roaming Configurations	04.04.2005
Alfano 3-16-13-8 (FM)	ALU	11/602543	US8346268	US	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	20.11.2006
Alfano 3-16-13-8 (FM)	ALU	20097009944	KR1100071	KR	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	15.11.2007
Alfano 3-16-13-8 (FM)	ALU	2485/CHENP/2009		IN	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	15.11.2007
Alfano 3-16-13-8 (FM)	ALU	2009538388	JP4934200	JP	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	15.11.2007
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/518998	US6385302	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	03.03.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/518997	US6584307	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	03.03.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/499773	US6415018	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	08.02.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/659414	US6690932	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	11.09.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/803832	US6819929	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	12.03.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/694559	US6587545	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	23.10.2000
Agrawal 20-8-4 (P)	ALU	08/911598	US6072809	US	Statistical Method For Dynamically Controlling The Playback Delay Of Network Multimedia Streams	14.08.1997
Ahrens 7-93-5 (RG)	ALU	01303494.7	EP1154591	IT	Method And Apparatus For Communication Signal Autotracking Within A Free Space Optical Communication System	17.04.2001
Ahrens 7-93-5 (RG)	ALU	01303494.7	EP1154591	FR	Method And Apparatus For Communication Signal Autotracking Within A Free Space Optical Communication System	17.04.2001
Ahrens 7-93-5 (RG)	ALU	01303494.7	EP1154591	DE	Method And Apparatus For Communication Signal Autotracking Within A Free Space Optical Communication System	17.04.2001
Akyamac 1-6-37 (AA)	ALU	2011505023	JP5174235	JP	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Ahrens 7-93-5 (RG)	ALU	01303494.7	EP1154591	GB	Method And Apparatus For Communication Signal Autotracking Within A Free Space Optical Communication System	17.04.2001
Ahrens 9 (RG)	ALU	10/651064	US7181111	US	Apparatus For Splicing Optical Fibers	28.08.2003
Aksyuk 28-59-1 (VA)	ALU	10/746566	US7149378	US	Planar Lightwave Wavelength Device Using Moveable Mirrors	24.12.2003
Aksyuk 28-59-1 (VA)	ALU	10/916933	US6944366	US	Planar Lightwave Wavelength Device Using Moveable Mirrors	12.08.2004
Aksyuk 28-59-1 (VA)	ALU	11/478189	US7155083	US	Planar Lightwave Wavelength Device Using Moveable Mirrors	29.06.2006
Aksyuk 56-17 (VA)	ALU	11/983538	US8139283	US	Surface Plasmon Polariton Modulation	09.11.2007
Aksyuk 56-17 (VA)	ALU	20107010042	KR101156829	KR	Surface Plasmon Polariton Modulation	28.10.2008
Aksyuk 56-17 (VA)	ALU	08849992.6		EP	Surface Plasmon Polariton Modulation	28.10.2008
Aksyuk 56-17 (VA)	ALU	2010533066		JP	Surface Plasmon Polariton Modulation	28.10.2008
Aksyuk 31-1-2-28-2 (VA)	ALU	10/387852	US6993219	US	Waveguide/MEMS Switch	13.03.2003
Aksyuk 32-3-14-3 (VA)	ALU	10/459108	US6781744	US	Amplification Of MEMS Motion	11.06.2003
Aiken 2-11-2 (RT)	ALU	09/481567	US6232921	US	Method And System For Adaptive Signal Processing For An Antenna Array	11.01.2000
Aiken 2-11-2 (RT)	ALU	20010001652	KR819351	KR	Method And System For Adaptive Signal Processing For An Antenna Array	11.01.2001
Aiken 2-11-2 (RT)	ALU	20013227	JP3825259	JP	Method And System For Adaptive Signal Processing For An Antenna Array	11.01.2001
Aiken 2-11-2 (RT)	ALU	00311337.0	EP1126629	DE	Method And System For Adaptive Signal Processing For An Antenna Array	18.12.2000
Aiken 2-11-2 (RT)	ALU	00311337.0	EP1126629	GB	Method And System For Adaptive Signal Processing For An Antenna Array	18.12.2000
Aiken 2-11-2 (RT)	ALU	00311337.0	EP1126629	FI	Method And System For Adaptive Signal Processing For An Antenna Array	18.12.2000
Aiken 2-11-2 (RT)	ALU	00311337.0	EP1126629	FR	Method And System For Adaptive Signal Processing For An Antenna Array	18.12.2000
Aiken 3-8 (RT)	ALU	09/671241	US6718184	US	Method And System For Adaptive Signal Processing For An Antenna Array	28.09.2000
Aiken 4-9 (RT)	ALU	09/557556	US6448937	US	Phased Array Antenna With Active Parasitic Elements	25.04.2000
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	GB	Phased Array Antenna With Active Parasitic Elements	06.11.2000

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	SE	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	FR	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Akhteruzzaman 23-11 (A)	ALU	09/442801	US6449483	US	Wireless Telephone System For Accessing Multiple Stations Via A Single Telephone Number	18.11.1999
Aksyuk 14-5-22-40-4-11 (VA)	ALU	09/197388	US6148124	US	Wavelength Division Multiplexed Optical Networks	20.11.1998
Aksyuk 9-15-20-15 (VA)	ALU	08/997173	US5974207	US	Article Comprising A Wavelength Selective Add-Drop Multiplexer	23.12.1997
Aksyuk 9-15-20-15 (VA)	ALU	10358194	JP3662754	JP	Article Comprising A Wavelength Selective Add-Drop Multiplexer	16.12.1998
Aksyuk 9-15-20-15 (VA)	ALU	98309988.8	EP0926853	FR	Article Comprising A Wavelength Selective Add-Drop Multiplexer	04.12.1998
Aksyuk 9-15-20-15 (VA)	ALU	98309988.8	EP0926853	DE	Article Comprising A Wavelength Selective Add-Drop Multiplexer	04.12.1998
Aksyuk 9-15-20-15 (VA)	ALU	98309988.8	EP0926853	GB	Article Comprising A Wavelength Selective Add-Drop Multiplexer	04.12.1998
Ahmed 23-3-2-1 (W)	ALU	09/903881	US6961397	US	Symbol Synchronizer For Impulse Noise Channels	12.07.2001
Ahmed 24-4-3-2 (W)	ALU	10/159523	US7386779	US	Systems And Methods For Correcting Errors In A Received Frame	31.05.2002
Ahmed 25-5-4-3 (W)	ALU	10/161812	US7395493	US	Systems And Methods For Adaptively Decoding Transmitted Frames	04.06.2002
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	DE	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Aiken 4-9 (RT)	ALU	2001126825	JP3872658	JP	Phased Array Antenna With Active Parasitic Elements	25.04.2001
Akhteruzzaman 33-27-17 (A)	ALU	09/768481	US6823189	US	System And Method For Identifying Mobile Communication Apparatuses Proximal With An Identification Locus	24.01.2001
Akhteruzzaman 35-30-19-7 (A)	ALU	10/177157	US6980799	US	Method For Preserving Calls When Service Is Interrupted To A Mobile Unit In A Wireless Communication System	21.06.2002
Akulova 5-31 (YA)	ALU	10/067670	US6795472	US	Laser With A Resonant Optical Reflector	05.02.2002
Akyamac 1-6-37 (AA)	ALU	12/169204	US8842984	US	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	08.07.2008
Akyamac 1-6-37 (AA)	ALU	6177/CHENP/2010		IN	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 1-6-37 (AA)	ALU	20107023016	KR101190535	KR	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 1-6-37 (AA)	ALU	200980113342.1	ZL200980113342.1	CN	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 2-7-38 (AA)	ALU	11/772143	US8913481	US	Method And System For Efficient Provisioning Of Multiple Services For Multiple Failure Restoration In Multi-Layer Mesh Networks	30.06.2007
Allande 1-2-1-1 (DA)	ALU	09/756390	US6850755	US	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	08.01.2001
Allande 1-2-1-1 (DA)	ALU	02250084.7	EP1221807	FR	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	07.01.2002
Allande 1-2-1-1 (DA)	ALU	02250084.7	EP1221807	DE	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	07.01.2002
Allande 1-2-1-1 (DA)	ALU	02250084.7	EP1221807	GB	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	07.01.2002
Alexiou 1-7-1-53-12-3 (T)	ALU	10/435015	US7822416	US	Methods And Systems For Allowing Global Roaming Between Devices Supported By Different Protocols	12.05.2003
Ali 11-7-1 (SS)	ALU	09/167344	US6075850	US	Flash Hook Caller ID	07.10.1998
Ali 11-7-1 (SS)	ALU	11286613	JP3851474	JP	Flash Hook Caller ID	07.10.1999
Alicherry 12-12-9-28 (M)	ALU	10/952015	US7693422	US	Constraint-Based Design Of Optical Transmission Systems	28.09.2004
Alexiou 2-1 (A)	ALU	10/392935	US7197082	US	Linear Transformation Of Symbols To At Least Partially Compensate For Correlation Between Antennas In Space Time Block Coded Systems	20.03.2003
Alexiou 2-1 (A)	ALU	10/621425	US7130580	US	Linear Transformation Of Symbols To At Least Partially Compensate For Correlation Between Antennas In Space Time Block Coded Systems	17.07.2003
Alexiou 4-2 (A)	ALU	10/620987	US7242724	US	Method And Apparatus For Transmitting Signals In A Multi-Antenna Mobile Communications System That Compensates For Channel Variations	16.07.2003
Alexiou 4-2 (A)	ALU	20040055520	KR101143332	KR	Method And Apparatus For Transmitting Signals In A Multi-Antenna Mobile Communications System That Compensates For Channel Variations	16.07.2004
Alexiou 4-2 (A)	ALU	2004209744	JP4574258	JP	Method And Apparatus For Transmitting Signals In A Multi-Antenna Mobile Communications System That Compensates For Channel Variations	16.07.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Alicherry 6-3 (M)	ALU	10/722651	US8346515	US	Methods And Apparatus For Pre-Provisioning Networks To Support Fast Restoration With Minimum Overbuild	26.11.2003
Alexiou 5 (A)	ALU	2004333917	JP4564339	JP	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	18.11.2004
Alexiou 5 (A)	ALU	20040092296	KR101080624	KR	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	12.11.2004
Alexiou 5 (A)	ALU	1220/CHE/2004	IN262363	IN	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	18.11.2004
Alexiou 5 (A)	ALU	10/715923	US7424273	US	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	18.11.2003
Alexiou 5 (A)	ALU	04256702.4	EP1533935	GB	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	29.10.2004
Alexiou 5 (A)	ALU	04256702.4	EP1533935	FR	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	29.10.2004
Alexiou 5 (A)	ALU	04256702.4	EP1533935	DE	Evaluating Performance Of A Multiple-Input Multiple Output (MIMO) Communications Link	29.10.2004
Alexiou 6-1 (A)	ALU	2008526978	JP5314424	JP	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	11/204775	US7907911	US	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	16.08.2005
Alexiou 6-1 (A)	ALU	20077030835	KR101268728	KR	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	200680023421.X	ZL200680023421.X	CN	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	5968/CHENP/2007	IN273737	IN	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Ali 5-11-15-1 (SS)	ALU	09/048841	US6335962	US	Apparatus And Method For ReGrouping Voice Messages For Convenient Playback	27.03.1998
Aleiner 1-5-3 (E)	ALU	08/958455	US6484015	US	Portable Telephone Antenna For PCS	27.10.1997
Alvarez 1-3 (TL)	ALU	09/699770	US7088738	US	Dynamic Fragmentation Of Information	30.10.2000
Axelson 1-1-3-1-1 (JW)	ALU	09/501921	US6493549	US	Over The Air Parameter Administration For Mobile Telecommunications Stations	10.02.2000
Anderson 11-6-8 (TW)	ALU	200780007058.7	ZL200780007058.7	CN	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
Andersen 1 (JA)	ALU	09/177637	US6496638	US	Optical Fiber Cassette	23.10.1998
Andrejco 9-1-1 (MJ)	ALU	09/933643	US6560009	US	Erbium Doped Fibers For Extended L-Band Amplification	21.08.2001
Andrejco 9-1-1 (MJ)	ALU	02254378.9	EP1286433	FR	Erbium Doped Fibers For Extended L-Band Amplification	24.06.2002
Andrejco 9-1-1 (MJ)	ALU	02254378.9	EP1286433	DE	Erbium Doped Fibers For Extended L-Band Amplification	24.06.2002
Andrejco 9-1-1 (MJ)	ALU	02254378.9	EP1286433	GB	Erbium Doped Fibers For Extended L-Band Amplification	24.06.2002
Andrejco 9-1-1 (MJ)	ALU	2002206719	JP3803310	JP	Erbium Doped Fibers For Extended L-Band Amplification	16.07.2002
Anderson 11-6-8 (TW)	ALU	11/364698	US8000233	US	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	28.02.2006
Anderson 11-6-8 (TW)	ALU	4326/CHENP/2008		IN	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
Anderson 11-6-8 (TW)	ALU	2008557276	JP5335444	JP	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
Anderson 11-6-8 (TW)	ALU	20087020975	KR101360741	KR	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
Andrews 1-7-1-1-6-1 (DM)	ALU	09/112547	US6496490	US	Method For Dynamically Allocating Carriers In A Wireless Packet Network, With Reuse Of Carriers	09.07.1998
Andrews 1-7-1-1-6-1 (DM)	ALU	195221/1999	JP3435100	JP	Method For Dynamically Allocating Carriers In A Wireless Packet Network, With Reuse Of Carriers	09.07.1999
Andrews 10-28-17-6-4 (DM)	ALU	10/459010	US8730923	US	Method For Controlling Resource Allocation In A Wireless Communication System	11.06.2003
Arakawa 1-1-1-66 (Y)	ALU	12/155370	US8428591	US	Method Of Translating Cellular Carriers	03.06.2008
Arakawa 1-1-1-66 (Y)	ALU	08779781.7		EP	Method Of Translating Cellular Carriers	26.06.2008
Arakawa 1-1-1-66 (Y)	ALU	200880022528.1	ZL200880022528.1	CN	Method Of Translating Cellular Carriers	26.06.2008
Arakawa 1-1-1-66 (Y)	ALU	2010514809	JP5528335	JP	Method Of Translating Cellular Carriers	26.06.2008
Antonucci 1-1-1-2-1-7 (JT)	ALU	2381317	CA2381317	CA	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	01905460.0		EP	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Antonucci 1-1-1-2-1-7 (JT)	ALU	2383380	CA2383380	CA	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	2383385	CA2383385	CA	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	01908896.2		EP	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Arakawa 1-1-1-66 (Y)	ALU	20097026972	KR101149779	KR	Method Of Translating Cellular Carriers	26.06.2008
Andrews 6-2-3-6-2 (DM)	ALU	09/726192	US7020698	US	Improved System And MethodFor Managing The DistributionOf Web Content In ComputerNetworks	29.11.2000
Andrews 9 (MR)	ALU	10/195014	US7092451	US	Information Hiding System And A Method Of Hiding Information In A Wireless Communication Network	12.07.2002
Anupam 16-13-17 (V)	ALU	10/748375	US7555107	US	"Roaming" Method And Apparatus For Use In Emulating A User's "Home" Telecommunications Environment	30.12.2003
Balyan 1-1-1-1 (A)	ALU	10/421388	US7536183	US	Network Interworking Through Message Translation	23.04.2003
Ashikhmin 26-30 (A)	ALU	12/493328	US8498408	US	Crosswalk Estimation And Power Setting Based On Interpolation In A Multi-Channel Communication System	29.06.2009
Ascend 5	ALU	08/919824	US5991297	US	Independently Sizeable Memory Pages for a Plurality of Connection ID Types in a Network Switch	28.08.1997
Balachandran 53-15-7-46 (K)	ALU	2010521881	JP5341089	JP	Content Rate Selection For Media Servers With Feedback-Controlled Frame Transmission	21.08.2008
Balachandran 53-15-7-46 (K)	ALU	200880104181.5	ZL200880104181.5	CN	Content Rate Selection For Media Servers With Feedback-Controlled Frame Transmission	21.08.2008
Balachandran 53-15-7-46 (K)	ALU	20107004109	KR101397815	KR	Content Rate Selection For Media Servers With Feedback-Controlled Frame Transmission	21.08.2008
Balachandran 53-15-7-46 (K)	ALU	12/222896	US8190750	US	Content Rate Selection For Media Servers With Feedback-Controlled Frame Transmission	19.08.2008
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	04012542.9	EP1455218	GB	Thermally Tunable Fiber Devices With Microcapillary Heaters	22.07.2002
Ashikhmin 12-18-17 (A)	ALU	11/753332	US7809070	US	Crosstalk Estimation Methods And Apparatus Using Auxiliary Time-Domain Signals	24.05.2007
Ashikhmin 17-23-13-2-15-41-1-2-21-10 (A)	ALU	12/197409	US8830812	US	Methods For Optimizing Precoder Settings Using Average SINR Reports For Groups Of Tones	25.08.2008
August 26-9-50 (KG)	ALU	09/653810	US7433836	US	Information And Communication System	01.09.2000
August 27-4-51 (KG)	ALU	09/503096	US7478240	US	Method And System For Capture Of Location Specific Media Related Informaiton And Delivery Through Comunicaitons Network	11.02.2000
Ashikhmin 18-5-24-5-14-14-42-3-22-11 (A)	ALU	12/130253	US7860044	US	Method And Apparatus For Providing Synchronization In A Multi-Line Communication System	30.05.2008
Ashikhmin 21-25-15-16-25 (A)	ALU	12/060653	US8300518	US	Fast Seamless Joining Of Channels In A Multi-Channel Comunication System	01.04.2008
Ashikhmin 24-28 (A)	ALU	12/352896	US8094745	US	Power Control Using Denoised Crosswalk Estimates In A Mulit-Channel Communication System	13.01.2009
Ashikhmin 25-29 (A)	ALU	12/474432	US8422541	US	Channel Estimation In A Multi-Channel Communication System Using Pilot Signals Having Quasi-Orthogonal Subpilots	29.05.2009
Ayres 1-9-17-3 (JW)	ALU	09/624102	US6310776	US	Transverse Mountable Heat Sink For Use In An Electronic Device	24.07.2000
Ayres 7-4-21-28 (JW)	ALU	09/625679	US6330160	US	Component Retention Clip For A Heat Sink Assembly	25.07.2000
Atkinson 4-30-1 (GW)	ALU	11/239765	US8670309	US	Method And Apparatus For Preventing Activation Of A Congestion Control Process	30.09.2005
Ascend 2	ALU	09/049510	US5905730	US	High Speed Packet Scheduling Method and Apparatus	27.03.1998
Ascend 2	ALU	09/049511	US5850399	US	High Speed Packet Scheduling Method and Apparatus	27.03.1998
Atkins 20-24-23-27-2-13-8 (RM)	ALU	09/778166	US6396983	US	Formation Of Gratings In Optical Fibers Coated With UV-Curable Polymer	07.02.2001
Bachl 29-10 (RW)	ALU	2009547255	JP5220767	JP	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	14.01.2008
Bachl 29-10 (RW)	ALU	20097015337	KR101136787	KR	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	14.01.2008
Baeyens 3-56-8-27-9 (YL)	ALU	12/418442	US8224134	US	Optoelectronic Receiver	03.04.2009
Baiyor 1-1-2-1 (RJ)	ALU	09/342499	US6366660	US	Apparatus, Method And System For Providing Variable Alerting Patterns For Multiple Leg Telecommunication Sessions	29.06.1999
Baiyor 2-2-3-2 (RJ)	ALU	H11168857	JP3836996	JP	Apparatus, Method And System For Controlling The Start Of Alerting Of Multiple Leg Telecommunication Sessions	15.06.1999
Baiyor 2-2-3-2 (RJ)	ALU	09/094837	US6009159	US	Apparatus, Method And System For Controlling The Start Of Alerting Of Multiple Leg Telecommunication Sessions	15.06.1998

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Baiyor 3-3-4-3 (RJ)	ALU	09/097334	US6005930	US	Apparatus, Method And System For Controlling Secondary Treatment By A Distant Switch For Multiple Leg Telecommunication Sessions	15.06.1998
Baiyor 4-4-5-4 (RJ)	ALU	11168859	JP3505105	JP	Apparatus, Method And System For Providing Information To A Called Party In Multiple Leg Telecommunication Sessions	15.06.1999
Baiyor 4-4-5-4 (RJ)	ALU	09/097527	US6115461	US	Apparatus, Method And System For Providing Information To A Called Party In Multiple Leg Telecommunication Sessions	15.06.1998
Bachl 29-10 (RW)	ALU	11/625463	US7738905	US	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	22.01.2007
Baillargeon 10-58-96-12-11-23-4-27-8 (JN)	ALU	09/448929	US6326646	US	Mounting Technology For Intersubband Light Emitters	24.11.1999
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	09/566348	US6563852	US	Self-Mode-Locking Quantum Cascade Laser	08.05.2000
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01117441.2	ZL01117441.2	CN	Self-Mode-Locking Quantum Cascade Laser	28.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01303946.6	EP1154532	GB	Self-Mode-Locking Quantum Cascade Laser	30.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01303946.6	EP1154532	FR	Self-Mode-Locking Quantum Cascade Laser	30.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01303946.6	EP1154532	DE	Self-Mode-Locking Quantum Cascade Laser	30.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	2001136193	JP3785057	JP	Self-Mode-Locking Quantum Cascade Laser	07.05.2001
Baillargeon 12-62-100-15-26-5-2-5-31-11 (JN)	ALU	2001205754	JP4108297	JP	Mesa Geometry Semiconductor Light Emitters Having Chalcogenide Dielectric Coating	06.07.2001
Baillargeon 12-62-100-15-26-5-2-5-31-11 (JN)	ALU	09/611886	US6463088	US	Mesa Geometry Semiconductor Light Emitters Having Chalcogenide Dielectric Coating	07.07.2000
Baiyor 6-6-7-6 (RJ)	ALU	09/350577	US6574325	US	Apparatus, Method And System For Providing Call Progress Information For Multiple Leg Telecommunication Sessions For Intelligent Network Services	09.07.1999
Baiyor 8-8-9-8 (RJ)	ALU	09/404901	US6714636	US	Apparatus, Method And System For Subscriber Control Of Timed And Regional Membership In Multiple Member Termination Groups For Multiple Leg Telecommunication Sessions	24.09.1999
Baiyor 8-8-9-8 (RJ)	ALU	00307840.9		EP	Apparatus, Method And System For Subscriber Control Of Timed And Regional Membership In Multiple Member Termination Groups For Multiple Leg Telecommunication Sessions	11.09.2000
Baiyor 8-8-9-8 (RJ)	ALU	20000055947	KR707564	KR	Apparatus, Method And System For Subscriber Control Of Timed And Regional Membership In Multiple Member Termination Groups For Multiple Leg Telecommunication Sessions	23.09.2000
Bajaj 1-1-27-1 (C)	ALU	09/383836	US6438266	US	Compression And Progressive Transmission Of Arbitrary Polygonal Meshes	26.08.1999
Bachl 20-34-20 (RW)	ALU	11/414525	US7920517	US	Uplink Load Control Including Individual Measurements	28.04.2006
Bachl 20-34-20 (RW)	ALU	200780015518.0	ZL80015518.0	CN	Uplink Load Control Including Individual Measurements	20.04.2007
Bachl 20-34-20 (RW)	ALU	07755847.6		EP	Uplink Load Control Including Individual Measurements	20.04.2007
Bachl 7-27-23-11 (RW)	ALU	11/201364	US8086257	US	Dedicated Control Channel Detection For Enhanced Dedicated Channel	11.08.2005
Bachl 7-27-23-11 (RW)	ALU	2008526048	JP5475285	JP	Dedicated Control Channel Detection For Enhanced Dedicated Channel	28.07.2006
Bachl 7-27-23-11 (RW)	ALU	200680023497.2	ZL200680023497.2	CN	Dedicated Control Channel Detection For Enhanced Dedicated Channel	28.07.2006
Bachl 7-27-23-11 (RW)	ALU	5961/CHENP/2007	IN284392	IN	Dedicated Control Channel Detection For Enhanced Dedicated Channel	28.07.2006
Bachl 20-34-20 (RW)	ALU	20087026052	KR10986034	KR	Uplink Load Control Including Individual Measurements	20.04.2007
Bachl 20-34-20 (RW)	ALU	2009507745	JP5204095	JP	Uplink Load Control Including Individual Measurements	20.04.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bachl 20-34-20 (RW)	ALU	5669/CHENP/2008		IN	Uplink Load Control Including Individual Measurements	20.04.2007
Balachandran 11-16-38 (K)	ALU	09/650787	US7006477	US	A Method For Interleaving Of Half Rate Channels Suitable For Half Duplex Operation And Statistical Multiplexing	30.08.2000
Baden 2-1-1-1 (CCE)	ALU	309311/1998	JP3613379	JP	Asymmetric Multiple Access Protocol For A Communication System	30.10.1998
Baden 2-1-1-1 (CCE)	ALU	09/183562	US6353598	US	Asymmetric Multiple Access Protocol For A Communication System	30.10.1998
Baden 2-1-1-1 (CCE)	ALU	89586/98	AU727429	AU	Asymmetric Multiple Access Protocol For A Communication System	28.10.1998
Baden 2-1-1-1 (CCE)	ALU	19980046524	KR362303	KR	Asymmetric Multiple Access Protocol For A Communication System	28.10.1998
Balachandran 12-39-15 (K)	ALU	09/650792	US6996083	US	Burst Based Access And Assignment Method For Providing Real-Time Services	30.08.2000
Balachandran 12-39-15 (K)	ALU	89126147	TWNI-158333	TW	Burst Based Access And Assignment Method For Providing Real-Time Services	08.12.2000
Baillargeon 5-1-49-81-13-2-18 (JN)	ALU	09/067086	US6055257	US	Quantum Cascade Laser	27.04.1998
Baillargeon 6-52-84-5-17-21-3 (JN)	ALU	09/096701	US6137817	US	Quantum Cascade Laser	12.06.1998
Baillargeon 6-52-84-5-17-21-3 (JN)	ALU	164562/1999	JP3717712	JP	Quantum Cascade Laser	11.06.1999
Bauer 2-4 (MG)	ALU	05251917.0	EP1708446	DE	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.03.2005
Bauer 2-4 (MG)	ALU	05251917.0	EP1708446	GB	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.03.2005
Bauer 2-4 (MG)	ALU	05251917.0	EP1708446	FR	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.03.2005
Bachl 23-23-23 (RW)	ALU	11/424947	US7664467	US	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	19.06.2006
Bachl 23-23-23 (RW)	ALU	2009101383	RU2458467	RU	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	07809615.3		EP	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	20087030796	KR101059003	KR	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	96121613	TWI431973	TW	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	PI0713003.1		BR	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	2007261551	AU2007261551	AU	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	195968	IL195968	IL	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bauer 2-4 (MG)	ALU	200510126918.1	ZL10126918.1	CN	Managing Internet Protocol Based Resources In A Packet-Based Access Network	28.11.2005
Baillarin 1-1 (S)	ALU	09/667348	US6728549	US	Switching To An Improved Bearer During A Call Connection	22.09.2000
Baillarin 1-1 (S)	ALU	2000293219	JP3730104	JP	Switching To An Improved Bearer During A Call Connection	27.09.2000
Azman 2-4-3-1-7 (U)	ALU	11/121432	US7400887	US	METHOD FOR ESTIMATING THE DOWNLINK CAPACITY IN ASPREAD SPECTRUM WIRELESS COMMUNICATIONS SYSTEM	04.05.2005
Bachl 29-10 (RW)	ALU	200880002689.4	ZL200880002689.4	CN	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	14.01.2008
Balachandran 16-21-45 (K)	ALU	09/573017	US6557135	US	Cycling Through Entirety Of Error-Indicating Acknowledgement Information	17.05.2000
Balachandran 18-10-25-3-51 (K)	ALU	09/847567	US7068619	US	Radio Link Control With Limited Retransmissions For Streaming Services	02.05.2001
Balachandran 18-10-25-3-51 (K)	ALU	644/MAS/2001	IN219225	IN	Radio Link Control With Limited Retransmissions For Streaming Services	03.08.2001
Balachandran 18-10-25-3-51 (K)	ALU	2001182690	JP4979858	JP	Radio Link Control With Limited Retransmissions For Streaming Services	18.06.2001
Baker 24-2 (AD)	ALU	09/861947	US7009939	US	Adaptive Resource Management In A Communication System	21.05.2001
Banerjee 3-22-21 (S)	ALU	09/518301	US6501870	US	System And Method For Reducing Effects Of Optical Impairments In Optically Amplified Lightwave Communication Systems	03.03.2000
Ballintine 1-12-2-2 (JE)	ALU	248119/1999	JP3390705	JP	Backwards-Compatible Failure Restoration In Bidirectional Multiplex Section-Switched Ring Transmission Systems	02.09.1999
Ballintine 1-12-2-2 (JE)	ALU	99306650.5	EP0984574	FR	Backwards-Compatible Failure Restoration In Bidirectional Multiplex Section-Switched Ring Transmission Systems	23.08.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Ballintine 1-12-2-2 (JE)	ALU	99306650.5	EP0984574	DE	Backwards-Compatible Failure Restoration In Bidirectional Multiplex Section-Switched Ring Transmission Systems	23.08.1999
Ballintine 1-12-2-2 (JE)	ALU	99306650.5	EP0984574	GB	Backwards-Compatible Failure Restoration In Bidirectional Multiplex Section-Switched Ring Transmission Systems	23.08.1999
Ballintine 1-12-2-2 (JE)	ALU	09/146209	US6246667	US	Backwards-Compatible Failure Restoration In Bidirectional Multiplex Section-Switched Ring Transmission Systems	02.09.1998
Balachandran 52-14-6-45 (K)	ALU	12/222897	US8812712	US	Proxy-Driven Content Rate Selection For Streaming Media Servers	19.08.2008
Balachandran 52-14-6-45 (K)	ALU	968/CHENP/2010		IN	Proxy-Driven Content Rate Selection For Streaming Media Servers	21.08.2008
Balachandran 52-14-6-45 (K)	ALU	20107004100	KR101524325	KR	Proxy-Driven Content Rate Selection For Streaming Media Servers	21.08.2008
Balachandran 23-11-7-59 (K)	ALU	10/252797	US7352714	US	Methods And Apparatuses For Allocating Time Slots To Half Duplex Wirelss Mobile Stations	24.09.2002
Balachandran 24-3-2-3 (K)	ALU	10/252351	US7187715	US	Systems And Methods For Providing Adaptive Pulse Position Modulated Code Division Multiple Access For Ultra-Wideband Communication Links	23.09.2002
Balachandran 31-16-28-4-1 (K)	ALU	10/413382	US7349338	US	Scheduler And Method For Scheduling Transmissions In A Communication Network	15.04.2003
Balachandran 31-16-28-4-1 (K)	ALU	05024803.8	EP1643697	FR	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024803.8	EP1643697	DE	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024803.8	EP1643697	GB	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024802.0	EP1643696	GB	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024802.0	EP1643696	FR	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024802.0	EP1643696	DE	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	2004119696	JP4607486	JP	Scheduler And Method For Scheduling Transmissions In A Communication Network	15.04.2004
Balachandran 31-16-28-4-1 (K)	ALU	20040024593	KR101038227	KR	Scheduler And Method For Scheduling Transmissions In A Communication Network	09.04.2004
Balachandran 45-11-3-36 (K)	ALU	11/674802	US8180283	US	Method Of Providing Feedback To A Media Server In A Wireless Communication System	14.02.2007
Balachandran 45-11-3-36 (K)	ALU	20097017048	KR101099800	KR	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
Balachandran 45-11-3-36 (K)	ALU	4782/CHENP/2009		IN	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
Balachandran 45-11-3-36 (K)	ALU	200880004906.3	ZL200880004906.3	CN	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
Balachandran 45-11-3-36 (K)	ALU	2009549603	JP5373638	JP	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
Balachandran 47-12-4-42 (K)	ALU	11/674842	US8812673	US	Content Rate Control For Streaming Media Servers	14.02.2007
Balachandran 34-18-31-5-10 (K)	ALU	10/439759	US7502352	US	Scheduling Method For Quality Of Service Differentiation For Non-Real Time Services In Packet Radio Networks	16.05.2003
Baldwin 12-1-7-2 (JH)	ALU	11/767638	US8014826	US	Base Station And Component Configuration For Versatile Installation Options	25.06.2007
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	04012542.9	EP1455218	FR	Thermally Tunable Fiber Devices With Microcapillary Heaters	22.07.2002
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	04012542.9	EP1455218	DE	Thermally Tunable Fiber Devices With Microcapillary Heaters	22.07.2002
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	02255133.7	EP1327902	FR	Thermally Tunable Fiber Devices With Microcapillary Heaters	22.07.2002
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	02255133.7	EP1327902	DE	Thermally Tunable Fiber Devices With Microcapillary Heaters	22.07.2002
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	02255133.7	EP1327902	GB	Thermally Tunable Fiber Devices With Microcapillary Heaters	22.07.2002
Baldwin 5-7-29-12-2-1-36-3 (KW)	ALU	10/047339	US6778734	US	Thermally Tunable Fiber Devices With Microcapillary Heaters	15.01.2002
Barroso 1 (CB)	ALU	09/448354	US6389003	US	A Method For Decreasing False Positives In Frame Synchronization Of Code Division Multiple Access	23.11.1999
Barroso 2-11-36 (CB)	ALU	09/439217	US7142878	US	Method Of Timing Calibration	12.11.1999
Bao 30-4-2 (Z)	ALU	10/141362	US6770549	US	Forming Patterned Thin Film Metal Layers	08.05.2002
Bao 33-47-8 (Z)	ALU	10/256885	US6885024	US	Devices With Organic Crystallite Active Channels	27.09.2002
Bao 39 (Z)	ALU	11/177602	US7338835	US	OFETS with Active Channels Formed of Densified Layers	08.07.2005
Bao 39 (Z)	ALU	20040097395	KR101110086	KR	OFETS with Active Channels Formed of Densified Layers	25.11.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bao 39 (Z)	ALU	10/727709	US7767998	US	OFETS with Active Channels Formed of Densified Layers	04.12.2003
Bao 39 (Z)	ALU	2004350530	JP5042452	JP	OFETS with Active Channels Formed of Densified Layers	03.12.2004
Barry 1-2 (MP)	ALU	10/427833	US7590917	US	Parameter Generation For Interleavers	01.05.2003
Basavanhally 19 (NR)	ALU	09/012282	US6052880	US	Optical Fiber Stripping Apparatus	23.01.1998
Barclay 17-76-15-15-14 (DL)	ALU	10/837088	US7570743	US	Method and Apparatus for Surveillance of Voice Over Internet Protocol Communications	30.04.2004
Benno 5-2-1-1-3-1-2 (SA)	ALU	05250718.3	EP1566984	DE	A Method Of Delivering Multimedia Associated With A Voice Link	08.02.2005
Benno 5-2-1-1-3-1-2 (SA)	ALU	05250718.3	EP1566984	GB	A Method Of Delivering Multimedia Associated With A Voice Link	08.02.2005
Benno 5-2-1-1-3-1-2 (SA)	ALU	05250718.3	EP1566984	FR	A Method Of Delivering Multimedia Associated With A Voice Link	08.02.2005
Basavanhally 26-13-39 (NR)	ALU	09/886767	US6633719	US	Fiber Array Coupler	21.06.2001
Baroni 1-44-22-9-2-1 (S)	ALU	09/468714	US6662308	US	Dual-Homing Select Architecture	21.12.1999
Bao 43-2-1 (Z)	ALU	11/330472	US7470574	US	OFET Structures With Both N- And P-Type Channels	12.01.2006
Bao 43-2-1 (Z)	ALU	10/875478	US7045814	US	OFET Structures With Both N- And P-Type Channels	24.06.2004
Bao 11-2 (Z)	ALU	09/394524	US6489044	US	Process For Fabricating Polarized Organic Photonics Devices, And Resultant Articles	10.09.1999
Bao 15-93-4-25-2 (Z)	ALU	09/659550	US6589629	US	Process For Fabricating Patterned, Functionalized Particles And Article Formed From Particles	11.09.2000
Bao 16-25-12 (Z)	ALU	09/603941	US6891237	US	Organic Semiconductor Device Having An Active Dielectric Layer Comprising Silsesquioxanes	27.06.2000
Bao 16-25-12 (Z)	ALU	11/042240	US7189663	US	Organic Semiconductor Device Having An Active Dielectric Layer Comprising Silsesquioxanes	25.01.2005
Batni 16-14 (RP)	ALU	2008540054	JP5275808	JP	Ringback Tone Preference Information To Assist Selection Of Ringback Tone	02.11.2006
Batni 16-14 (RP)	ALU	06836722.6		EP	Ringback Tone Preference Information To Assist Selection Of Ringback Tone	02.11.2006
Batni 16-14 (RP)	ALU	568133	NZ568133	NZ	Ringback Tone Preference Information To Assist Selection Of Ringback Tone	02.11.2006
Batni 16-14 (RP)	ALU	20087013773	KR101334632	KR	Ringback Tone Preference Information To Assist Selection Of Ringback Tone	02.11.2006
Batni 18-18 (RP)	ALU	11/384147	US8982874	US	Method And Apparatus For Providing Customized Ring Back To Calling Terminals In A Cable Network	17.03.2006
Baum 2-4-6 (MOA)	ALU	28030/1999	JP3431527	JP	Method For Optimizing Forward Link Power Levels During Soft Handoffs In A Wireless Telecommunications Network	05.02.1999
Baum 2-4-6 (MOA)	ALU	99300559.4	EP0940932	DE	Method For Optimizing Forward Link Power Levels During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 2-4-6 (MOA)	ALU	99300559.4	EP0940932	GB	Method For Optimizing Forward Link Power Levels During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 2-4-6 (MOA)	ALU	99300559.4	EP0940932	SE	Method For Optimizing Forward Link Power Levels During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 2-4-6 (MOA)	ALU	99300559.4	EP0940932	FR	Method For Optimizing Forward Link Power Levels During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 2-4-6 (MOA)	ALU	09/019267	US6510319	US	Method For Optimizing Forward Link Power Levels During Soft Handoffs In A Wireless Telecommunications Network	05.02.1998
Bartter 4-104-36 (WD)	ALU	11/653741	US7991131	US	Control Of Prepaid Balance Status Notification	16.01.2007
Bartter 4-104-36 (WD)	ALU	08713131.4		EP	Control Of Prepaid Balance Status Notification	14.01.2008
Bartter 4-104-36 (WD)	ALU	4015/CHENP/2009		IN	Control Of Prepaid Balance Status Notification	14.01.2008
Bartter 4-104-36 (WD)	ALU	2009546406	JP5306234	JP	Control Of Prepaid Balance Status Notification	14.01.2008
Beaumont 1-7-1-1 (LR)	ALU	09/851267	US6959333	US	Technique For Content Delivery Over The Internet	08.05.2001
Batni 20-39 (RP)	ALU	2009514428	JP4928605	JP	User Message Delivery To Calling Party Device	11.06.2007
Batni 20-39 (RP)	ALU	07777470.1		EP	User Message Delivery To Calling Party Device	11.06.2007
Batni 20-39 (RP)	ALU	11/453678	US8270590	US	User Message Delivery To Calling Party Device	15.06.2006
Batni 20-39 (RP)	ALU	200780022306.5	ZL200780022306.5	CN	User Message Delivery To Calling Party Device	11.06.2007
Batni 20-39 (RP)	ALU	6745/CHENP/2008		IN	User Message Delivery To Calling Party Device	11.06.2007
Batni 21-28 (RP)	ALU	11/485890	US9210252	US	End-User Device Personalized Applicaton Notification Feature	13.07.2006
Baughman 1 (LD)	ALU	09/256908	US6408399	US	High Reliability Multiple Processing And Control System Utilizing Shared Components	24.02.1999
Barney 3 (MF)	ALU	09/105607	US6289341	US	Intelligent Agent For Identifying Intellectual Property Infringement IssuesIn Computer Network Sites And Method Of Operation Thereof	26.06.1998

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Batni 22-4-40-10 (RP)	ALU	2009123228	RU2474971	RU	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	096142562	TWI501618	TW	Providing An Advertisement To A Calling Party Before Ringback	09.11.2007
Batni 22-4-40-10 (RP)	ALU	2009538387	JP5178735	JP	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	2007322099	AU2007322099	AU	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	PI0718889.7		BR	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	MX/a/2009/005137	MX298649	MX	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	11/561769	US8385514	US	Providing An Advertisement To A Calling Party Before Ringback	20.11.2006
Batni 22-4-40-10 (RP)	ALU	2743/CHENP/2009	IN270949	IN	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 23-1-1-16 (RP)	ALU	11/769366		US	Availability Determination Of A Party To Receive A Call Prior To Call Setup	27.06.2007
Batni 3-1-4-2 (RP)	ALU	10/736256	US7120419	US	Generating One Or More Triggered Operations To Prepaid Service Node Based On Connection With Intelligent Peripheral Component	15.12.2003
Basavanhally 32-9-4 (NR)	ALU	10/743922	US7062132	US	Coupler Assembly For An Optical Backplane System	23.12.2003
Batni 1-13-1-1-2-1-4-1-1 (R)	ALU	10/253090	US6978133	US	Mobile Station Origination When Serving Mobile Switching Center is Not Wireless Intelligent Network Capable	24.09.2002
Batni 11-9 (RP)	ALU	11/168201	US8073128	US	Ringback Tone Service Opt-In And Opt-Out Requests For Use By Calling Party	28.06.2005
Bauer 2-4 (MG)	ALU	20050114879	KR101184185	KR	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.11.2005
Bauer 2-4 (MG)	ALU	2005343073	JP4856418	JP	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.11.2005
Batni 7-12-14-5-4 (RP)	ALU	11/026509	US8068593	US	Method And Apparatus For Providing Multimedia Ringback Services To Mobile User Devices In Pre-IMS Networks	30.12.2004
Batni 7-12-14-5-4 (RP)	ALU	200510135763.8	ZL200510135763.8	CN	Method And Apparatus For Providing Multimedia Ringback Services To Mobile User Devices In Pre-IMS Networks	29.12.2005
Batni 7-12-14-5-4 (RP)	ALU	20050135337	KR101222580	KR	Method And Apparatus For Providing Multimedia Ringback Services To Mobile User Devices In Pre-IMS Networks	30.12.2005
Batni 8-13-3-15-5 (RP)	ALU	200510135762.3	ZL200510135762.3	CN	Method And Apparatus For Providing Multimedia Ringback Services To User Devices In IMS Networks	29.12.2005
Batni 8-13-3-15-5 (RP)	ALU	11/027298	US7693134	US	Method And Apparatus For Providing Multimedia Ringback Services To User Devices In IMS Networks	30.12.2004
Baum 1-3-1-3 (MOA)	ALU	09/019266	US6148207	US	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	05.02.1998
Baum 1-3-1-3 (MOA)	ALU	28029/1999	JP3459188	JP	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	05.02.1999
Baum 1-3-1-3 (MOA)	ALU	99300568.5	EP0935401	DE	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 1-3-1-3 (MOA)	ALU	99300568.5	EP0935401	GB	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 1-3-1-3 (MOA)	ALU	99300568.5	EP0935401	SE	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 1-3-1-3 (MOA)	ALU	99300568.5	EP0935401	FI	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Baum 1-3-1-3 (MOA)	ALU	99300568.5	EP0935401	FR	Method For Optimizing Frame Error Rate Settings During Soft Handoffs In A Wireless Telecommunications Network	26.01.1999
Batni 16-14 (RP)	ALU	11/272111	US7801293	US	Ringback Tone Preference Information To Assist Selection Of Ringback Tone	10.11.2005
Batni 16-14 (RP)	ALU	200680041892.3	ZL200680041892.3	CN	Ringback Tone Preference Information To Assist Selection Of Ringback Tone	02.11.2006
Batni 8-13-3-15-5 (RP)	ALU	20050135425	KR101230939	KR	Method And Apparatus For Providing Multimedia Ringback Services To User Devices In IMS Networks	30.12.2005
Batni 8-13-3-15-5 (RP)	ALU	05257735.0	EP1677485	FR	Method And Apparatus For Providing Multimedia Ringback Services To User Devices In IMS Networks	15.12.2005
Batni 8-13-3-15-5 (RP)	ALU	05257735.0	EP1677485	DE	Method And Apparatus For Providing Multimedia Ringback Services To User Devices In IMS Networks	15.12.2005
Batni 8-13-3-15-5 (RP)	ALU	05257735.0	EP1677485	GB	Method And Apparatus For Providing Multimedia Ringback Services To User Devices In IMS Networks	15.12.2005
Belhaj 5 (SO)	ALU	00309104.8	EP1096690	GB	Bi-Directional Scan Switch Matrix Method And Apparatus	16.10.2000
Belhaj 5 (SO)	ALU	00309104.8	EP1096690	FR	Bi-Directional Scan Switch Matrix Method And Apparatus	16.10.2000
Belhaj 5 (SO)	ALU	00309104.8	EP1096690	DE	Bi-Directional Scan Switch Matrix Method And Apparatus	16.10.2000

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bemmel 2 (Jv)	ALU	10/994989	US7711799	US	Method And Apparatus For Pre-Packetized Caching For Network Servers	22.11.2004
Bemmel 2 (Jv)	ALU	2005333504	JP5107517	JP	Method And Apparatus For Pre-Packetized Caching For Network Servers	18.11.2005
Bemmel 5-1-2 (Jv)	ALU	10/955150	US8180036	US	Method And Apparatus For Accessing Missed Call Information	30.09.2004
Bemmel 6-3 (Jv)	ALU	11/095059	US7647048	US	Selecting A Hidden Network To Connect A User To A Wireless Local Area Network	31.03.2005
Benco 184-1 (DS)	ALU	11/811807	US8126436	US	Network Support For Voice Mail Preemption	12.06.2007
Benco 39 (DS)	ALU	04255946.8	EP1528822	GB	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	29.09.2004
Benco 39 (DS)	ALU	04255946.8	EP1528822	FR	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	29.09.2004
Bejerano 17-9 (Y)	ALU	11/729791	US8358636	US	Methods And Devices For Scheduling The Transmission Of Multicast Messages In Wireless Local Area Networks	30.03.2007
Bedrosian 7 (PS)	ALU	09/332726	US6937613	US	Method And Apparatus For Synchronization Of High-Bit-Rate Digital Subscriber Line Signals	14.06.1999
Bejerano 19-13-10 (Y)	ALU	12/071864	US8374131	US	Frequency Planning Method For Wireless Lans	27.02.2008
Bejerano 22-14 (Y)	ALU	12/241516	US7859995	US	Protected-Far-Node-Based Solution For Fault-Resilient MPLS/T-MPLS Multicast Services	30.09.2008
Bi 33-8-11 (Q)	ALU	10/944289	US7565110	US	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	17.09.2004
Bi 33-8-11 (Q)	ALU	20050086095	KR101123427	KR	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	15.09.2005
Bi 33-8-11 (Q)	ALU	2005267970	JP5208357	JP	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	15.09.2005
Bi 33-8-11 (Q)	ALU	200510103949.5	ZL10103949.5	CN	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	16.09.2005
Bi 33-8-11 (Q)	ALU	05255360.9	EP1638224	GB	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	01.09.2005
Bi 33-8-11 (Q)	ALU	05255360.9	EP1638224	FR	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	01.09.2005
Bi 33-8-11 (Q)	ALU	05255360.9	EP1638224	DE	Method For Determining Rise Over Thermal For A Reverse Link In A Wireless System	01.09.2005
Benitez Pelaez 16-14-8-5 (M)	ALU	10/827039	US7512090	US	System And Method For Routing Calls In A Wireless Network Using A Single Point Of Contact	19.04.2004
Benco 129-43-94-117 (DS)	ALU	11/141102	US7890126	US	Network Support For Remote Sign Content Update	31.05.2005
Benco 135-47-97-123 (DS)	ALU	11/151136	US8000685	US	Network Support For Distinctive VoiceMail Greeting	13.06.2005
Benco 191-16-14 (DS)	ALU	12/008599	US9307519	US	Neighboring Cell Paging At Border Mobile Switching Center	11.01.2008
Bejerano 7-4 (Y)	ALU	10/879062	US9295105	US	Methods And Devices For Configuring Simplified, Static, Multi-Hop Wireless Networks	30.06.2004
Bejerano 8-5 (Y)	ALU	10/879064	US7583602	US	Methods And Devices For Routing Traffic Using A Configurable Access Wireless Network	30.06.2004
Benco 10-4-4-4-4 (DS)	ALU	10/431288	US7239617	US	Per Call Interactive High Speed Packet Data Activation	07.05.2003
Benco 10-4-4-4-4 (DS)	ALU	04252418.1	EP1480486	FR	Per Call Interactive High Speed Packet Data Activation	26.04.2004
Benco 147-4-57-107-133 (DS)	ALU	11/231275	US7519358	US	Over The Air Provisioning Of A Wireless Mobile Station Using IP Multimedia Subsystem Mode	20.09.2005
Bemmel 1-8-6 (J)	ALU	05256617.1	EP1653685	FR	Congestion Control For Improved Management Of Service Level Agreements In Switched Networks	25.10.2005
Bemmel 1-8-6 (J)	ALU	05256617.1	EP1653685	DE	Congestion Control For Improved Management Of Service Level Agreements In Switched Networks	25.10.2005
Bemmel 1-8-6 (J)	ALU	05256617.1	EP1653685	GB	Congestion Control For Improved Management Of Service Level Agreements In Switched Networks	25.10.2005
Benco 10-4-4-4-4 (DS)	ALU	04252418.1	EP1480486	DE	Per Call Interactive High Speed Packet Data Activation	26.04.2004
Benco 10-4-4-4-4 (DS)	ALU	04252418.1	EP1480486	GB	Per Call Interactive High Speed Packet Data Activation	26.04.2004
Benco 10-4-4-4-4 (DS)	ALU	2004138625	JP4520768	JP	Per Call Interactive High Speed Packet Data Activation	07.05.2004
Benco 10-4-4-4-4 (DS)	ALU	20040031115	KR101087557	KR	Per Call Interactive High Speed Packet Data Activation	03.05.2004
Benco 200-8 (DS)	ALU	09713686.5		EP	A Method And Apparatus For Allowing Non-IP Based Networks To Interact With IPTV-Based Systems	25.02.2009
Benco 200-8 (DS)	ALU	2010548827	JP5283712	JP	A Method And Apparatus For Allowing Non-IP Based Networks To Interact With IPTV-Based Systems	25.02.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Benco 200-8 (DS)	ALU	20107019146	KR101193755	KR	A Method And Apparatus For Allowing Non-IP Based Networks To Interact With IPTV-Based Systems	25.02.2009
Benco 200-8 (DS)	ALU	5318/CHENP/2010		IN	A Method And Apparatus For Allowing Non-IP Based Networks To Interact With IPTV-Based Systems	25.02.2009
Benco 201-9 (DS)	ALU	12/156068	US8175239	US	Method And Apparatus For Efficient Abbreviated Dialing	29.05.2008
Bejerano 11-6-5 (Y)	ALU	11/205768	US7836181	US	Fairness And Load Balancing In Wireless LANs Using Association Control	17.08.2005
Bejerano 12-8-7-6 (Y)	ALU	2005374146	JP4921791	JP	Methods And Devices For Determining The Adjacency Of Access Points In A Wireless Network	27.12.2005
Bejerano 12-8-7-6 (Y)	ALU	05257701.2		EP	Methods And Devices For Determining The Adjacency Of Access Points In A Wireless Network	15.12.2005
Bejerano 12-8-7-6 (Y)	ALU	20050133090	KR101201639	KR	Methods And Devices For Determining The Adjacency Of Access Points In A Wireless Network	29.12.2005
Bejerano 12-8-7-6 (Y)	ALU	1962/CHE/2005		IN	Methods And Devices For Determining The Adjacency Of Access Points In A Wireless Network	29.12.2005
Bejerano 12-8-7-6 (Y)	ALU	200510135753.4	ZL200510135753.4	CN	Methods And Devices For Determining The Adjacency Of Access Points In A Wireless Network	29.12.2005
Bejerano 12-8-7-6 (Y)	ALU	11/026905	US7430189	US	Methods And Devices For Determining The Adjacency Of Access Points In A Wireless Network	31.12.2004
Benco 105-2 (DS)	ALU	11/090500	US7801525	US	Network Support For Paging Channel And Access Channel Optimization	25.03.2005
Benco 158-78-116-142-77 (DS)	ALU	11/440906	US7515042	US	Mobile Surveillance	25.05.2006
Benco 163-68-121-148 (DS)	ALU	11/408304	US7965998	US	Network Support For Handset Data Protection	21.04.2006
Benco 205-2 (DS)	ALU	12/387297	US8055704	US	Method For Providing Airline-Based Internet Services	30.04.2009
Bedekar 1-11-2-4-2 (AS)	ALU	09/454039	US6763009	US	Down-Link Transmission Scheduling In CDMA Data Networks	03.12.1999
Bejerano 14-10-9-8 (Y)	ALU	11/026904	US8254347	US	Methods And Devices For Associating A Mobile Device To Access Points Within A WLAN	31.12.2004
Benmohamed 8-16-21-29 (LM)	ALU	10/119943	US7542416	US	Connection Admission For Bursty Real-Time Traffic In A Network With Multiple Service Classes	11.04.2002
Belhaj 5 (SO)	ALU	2000330493	JP4944295	JP	Bi-Directional Scan Switch Matrix Method And Apparatus	30.10.2000
Belhaj 5 (SO)	ALU	09/428468	US7030858	US	Bi-Directional Scan Switch Matrix Method And Apparatus	28.10.1999
Bemmel 9 (Jv)	ALU	05256095.0	EP1650930	DE	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	29.09.2005
Bemmel 9 (Jv)	ALU	05256095.0	EP1650930	GB	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	29.09.2005
Bemmel 9 (Jv)	ALU	05256095.0	EP1650930	FR	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	29.09.2005
Bemmel 9 (Jv)	ALU	10/970350	US7877786	US	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	21.10.2004
Bemmel 9 (Jv)	ALU	2005306494	JP5367936	JP	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	21.10.2005
Benco 39 (DS)	ALU	04255946.8	EP1528822	DE	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	29.09.2004
Benco 39 (DS)	ALU	2004286362	JP4723841	JP	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	30.09.2004
Benco 39 (DS)	ALU	200410047197.0	ZL200410047197.0	CN	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	29.09.2004
Benco 39 (DS)	ALU	20040078007	KR101125515	KR	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	30.09.2004
Benco 39 (DS)	ALU	10/698783	US9439048	US	A Method And Apparatus For Providing Mobile-To-Mobile Video Capability To A Network	31.10.2003
Benco 54-40-40-49-40 (DS)	ALU	10/739654	US7949329	US	Network Support For Mobile Handset Anti-Virus Protection	18.12.2003
Benco 59-42-42-56-42 (DS)	ALU	10/761823	US7103352	US	Network Support For Mobile Handset Screen Customization	21.01.2004
Benco 6-1-1-1-1 (DS)	ALU	10/411807	US7133700	US	Wireless Visual Alerting Method And System	11.04.2003
Benco 70-48-48-65-48 (DS)	ALU	10/818102	US8098592	US	Network Support For Packet Data Transaction Time Calculation Based On (Re)Selected Rate and Resource Limitations	05.04.2004
Benco 78-53-53-70-53 (DS)	ALU	10/843763	US7546299	US	Network Supported Network File Sharing Among Mobile Subscribers	12.05.2004
Benco 8-2-36 (DS)	ALU	10/376161	US6940960	US	Selective Conference Call Disconnect	27.02.2003
Benning 13-2 (RD)	ALU	09/535710	US6711224	US	Timing Acquisition Algorithm For An Adaptive Antenna Array	27.03.2000
Benning 17-14-14-8 (RD)	ALU	09/918086	US6980778	US	Split Shift Phase Sweep Transmit Diversity	30.07.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bendinelli 1-3 (SJ)	ALU	08/965633	US6061719	US	Synchronized Presentation Of Television Programming And WWW Content	06.11.1997
Bendinelli 2-13 (SJ)	ALU	09/033279	US6792618	US	Viewer Customization Of Displayed Programming Based On Transmitted URLS	02.03.1998
Benesty 8-4 (J)	ALU	09/603652	US6377682	US	A Robust Adaptive Filter For Use In Acoustic And Network Echo Cancellation	26.06.2000
Benet 3-6-14-14-10 (RB)	ALU	05251010.4	EP1693968	GB	Method And Apparatus For Encoding For Protocol Based Transmission Using Low Density Parity Check Codes	22.02.2005
Benet 3-6-14-14-10 (RB)	ALU	05251010.4	EP1693968	FR	Method And Apparatus For Encoding For Protocol Based Transmission Using Low Density Parity Check Codes	22.02.2005
Benet 3-6-14-14-10 (RB)	ALU	05251010.4	EP1693968	DE	Method And Apparatus For Encoding For Protocol Based Transmission Using Low Density Parity Check Codes	22.02.2005
Berger 6-31-10-2-16 (M)	ALU	10/131439	US7079777	US	Optical Fiber Communication Systems Having Simultaneous Compensation Of Polarization Mode Dispersion And Chromatic Dispersion	24.04.2002
Bernstein 2-2 (NE)	ALU	09/149327	US6285664	US	Method And Apparatus For Estimating Pilot Coverage	08.09.1998
Bernasconi 5-7-1-17-3-3-5 (PA)	ALU	10/611221	US7020168	US	High Power Multi-Frequency Laser	01.07.2003
Bernasconi 6-4 (PA)	ALU	10/770279	US7149373	US	Active/Passive Monolithically Integrated Channel Filtering Polarization Splitter	02.02.2004
Bernasconi 6-4 (PA)	ALU	200510005950.4	ZL200510005950.4	CN	Active/Passive Monolithically Integrated Channel Filtering Polarization Splitter	01.02.2005
Bernasconi 6-4 (PA)	ALU	2005025778	JP4832766	JP	Active/Passive Monolithically Integrated Channel Filtering Polarization Splitter	02.02.2005
Bernstein 1-1-12-9-2-9 (NE)	ALU	09/048626	US6252861	US	Methods And Apparatus For Inter-Frequency Handoff In A Wireless Communication System	26.03.1998
Bernstein 1-1-12-9-2-9 (NE)	ALU	88104431	TW131829	TW	Methods And Apparatus For Inter-Frequency Handoff In A Wireless Communication System	20.03.1999
Bernstein 1-1-12-9-2-9 (NE)	ALU	09/888913	US6574203	US	Methods And Apparatus For Inter-Frequency Handoff In A Wireless Communication System	25.06.2001
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	DE	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	GB	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	SE	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	FI	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Boettcher 4-11-10-17-1-7 (CW)	ALU	10/654977	US7453945	US	Methods And Devices For Controlling RF, Multi-Carrier Amplifier Signal Power	05.09.2003
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	FR	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	11253018	JP4184551	JP	Method And Apparatus For Estimating Pilot Coverage	07.09.1999
Bernstein 2-2 (NE)	ALU	19990038066	KR511144	KR	Method And Apparatus For Estimating Pilot Coverage	08.09.1999
Bhatia 12-14-26 (RS)	ALU	11/693262	US8068821	US	Method And Apparatus For Providing Content To Users Using Unicast And Broadcast Wireless Networks	29.03.2007
Bickerstaff 7 (MA)	ALU	10/608831	US7200798	US	Unified Serial/Parallel Concatenated Convolutional Code Decoder Architecture And Method	26.06.2003
Bijwaard 2-2 (D)	ALU	11/096218	US8102846	US	Method And Apparatus For Managing A Multicast Tree	31.03.2005
Bhatia 13-15-27 (RS)	ALU	11/694977	US8588750	US	Method and Appartus For Providing Interactive Services To Users Using Unicast And Broadcast Wireless Networks	31.03.2007
Bian 1-1-2 (MJ)	ALU	200710152735.6	ZL200710152735.6	CN	Facilitating Non-Sip Users Calling Sip Users	29.06.2007
Bian 1-1-2 (MJ)	ALU	11/946984	US8780888	US	Facilitating Non-Sip Users Calling Sip Users	29.11.2007
Bijwaard 4 (DJ)	ALU	11/456607	US9680880	US	Method And Apparatus For Supporting IP Multicast	11.07.2006
Bijwaard 7-17-5 (DJ)	ALU	2009533339	JP4949478	JP	Method And Apparatus For Establishing Multicast Groups	16.10.2007
Bijwaard 7-17-5 (DJ)	ALU	200780038777.5	ZL200780038777.5	CN	Method And Apparatus For Establishing Multicast Groups	16.10.2007
Bijwaard 7-17-5 (DJ)	ALU	20097008023	KR101033057	KR	Method And Apparatus For Establishing Multicast Groups	16.10.2007
Bijwaard 7-17-5 (DJ)	ALU	11/551516	US8249068	US	Method And Apparatus For Establishing Multicast Groups	20.10.2006
Bhalla 6 (KS)	ALU	09/420442	US6285022	US	A Front Accessible Optical Beam Switch	18.10.1999
Bhandari 2-15-4 (R)	ALU	200566768	JP4746331	JP	Method, Apparatus And System For The Synchronized Combining Of Packet Data	10.03.2005
Bhandari 2-15-4 (R)	ALU	20050019485	KR101107864	KR	Method, Apparatus And System For The Synchronized Combining Of Packet Data	09.03.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bhandari 2-15-4 (R)	ALU	200510052735.X	ZL10052735.X	CN	Method, Apparatus And System For The Synchronized Combining Of Packet Data	09.03.2005
Bhandari 2-15-4 (R)	ALU	10/797916	US7974191	US	Method, Apparatus And System For The Synchronized Combining Of Packet Data	10.03.2004
Bhandari 2-15-4 (R)	ALU	05251000.5	EP1575199	DE	Method, Apparatus And System For The Synchronized Combining Of Packet Data	22.02.2005
Bhandari 2-15-4 (R)	ALU	05251000.5	EP1575199	GB	Method, Apparatus And System For The Synchronized Combining Of Packet Data	22.02.2005
Bhandari 2-15-4 (R)	ALU	05251000.5	EP1575199	FR	Method, Apparatus And System For The Synchronized Combining Of Packet Data	22.02.2005
Bhandari 3-16-5 (R)	ALU	10/797915	US7483448	US	Method And System For The Clock Synchronization Of Network Terminals	10.03.2004
Bhandari 3-16-5 (R)	ALU	2005066767	JP4856382	JP	Method And System For The Clock Synchronization Of Network Terminals	10.03.2005
Bhandari 3-16-5 (R)	ALU	20050018230	KR101126091	KR	Method And System For The Clock Synchronization Of Network Terminals	04.03.2005
Bhandari 7-3-4 (R)	ALU	11/617133	US7801245	US	Increased Reliability Of Data Captures For Signal Predistortion	28.12.2006
Bi 62-48-9 (Q)	ALU	12/218155	US7990855	US	Method And System For Joint Reverse Link Access And Traffic Channel Radio Frequency Overload Control	11.07.2008
Bhandari 3-16-5 (R)	ALU	200510052736.4	ZL10052736.4	CN	Method And System For The Clock Synchronization Of Network Terminals	09.03.2005
Bi 48-21-24-24 (Q)	ALU	11/298554	US7706311	US	Expanding Cell Radius In A Wireless Communication System	09.12.2005
Bickerstaff 4-1 (MA)	ALU	2003296369	JP4520122	JP	Higher Radix Log Map Processor	20.08.2003
Bickerstaff 4-1 (MA)	ALU	20030057882	KR101018982	KR	Higher Radix Log Map Processor	21.08.2003
Bickerstaff 4-1 (MA)	ALU	10/232202	US7107509	US	Higher Radix Log Map Processor	30.08.2002
Bisconti 1 (T)	ALU	09/425710	US6381108	US	Technique For Regulating A DC Source Voltage	22.10.1999
Bhatt 7-150-3 (JB)	ALU	12/536947	US8412240	US	Direct SMS Message Delivery Over Broadband Data Networks Through An SMS-C	06.08.2009
Bi 12-3-2 (Q)	ALU	98108706.X	ZL98108706.X	CN	Method For Estimating A Mobile-Telephone's Location	29.05.1998
Bhat 3 (KVS)	ALU	09/087339	US6075994	US	Method And Apparatus For Dynamically Determining The Optimal Communication Message Bundle Size For A Communication System	29.05.1998
Bhat 7 (KVS)	ALU	09/320604	US6438374	US	Dynamic Multi-Step Overload Control For Message Processing In Wireless Communication Service Network	26.05.1999
Boyle 3-2-4-1-9-2-10 (PJ)	ALU	09/199843	US6421324	US	Apparatus, Method And System For Roamer Originated Automatic Telecommunication Conferencing And Broadcasting	25.11.1998
Bosch 9-1-41 (P)	ALU	11/301355	US7965633	US	Method Of Downlink Rate Control	12.12.2005
Bosch 9-1-41 (P)	ALU	2008545671	JP5235675	JP	Method Of Downlink Rate Control	08.12.2006
Blahut 44 (DE)	ALU	09/356978	US6796555	US	Video Controller	19.07.1999
Blahut 44 (DE)	ALU	2000217061	JP4812158	JP	Video Controller	18.07.2000
Blahut 46-20 (DE)	ALU	2000217060	JP4652532	JP	Ranging Arrangement And Method For TDMA Communications	18.07.2000
Blahut 46-20 (DE)	ALU	09/356980	US6807188	US	Ranging Arrangement And Method For TDMA Communications	19.07.1999
Blahut 46-20 (DE)	ALU	10/897914	US7366196	US	Ranging Arrangement And Method For TDMA Communications	23.07.2004
Bouillet 3-5-1 (E)	ALU	11/245597	US7466913	US	Design Method For WDM Optical Networks Including Alternate Routes For Fault Recovery	07.10.2005
Bouillet 3-5-1 (E)	ALU	09/805021	US7058296	US	Design Method For WDM Optical Networks Including Alternate Routes For Fault Recovery	12.03.2001
Bitar 4-8-2 (N)	ALU	10/838788	US7304944	US	Unified Scheduling And Queueing Architecture For A Multiservice Switch	03.05.2004
Bitar 5-9-3 (N)	ALU	10/838780	US8665719	US	Variable Packet-Size Backplanes For Switching And Routing Systems	03.05.2004
Blyler 44-75-19 (LL)	ALU	09/387607	US6265018	US	Fabricating Graded Index Plastic Optical Fibers	31.08.1999
Blyler 44-75-19 (LL)	ALU	00307170.1	EP1080871	DE	Fabricating Graded Index Plastic Optical Fibers	21.08.2000
Blyler 44-75-19 (LL)	ALU	00307170.1	EP1080871	GB	Fabricating Graded Index Plastic Optical Fibers	21.08.2000
Blyler 47-10-81-9-23 (LL)	ALU	09/363542	US6361219	US	End Finishing Of Plastic Optical Fibers Using Laser Ablation	29.07.1999
Blyler 47-10-81-9-23 (LL)	ALU	00306066.2	EP1075926	DE	End Finishing Of Plastic Optical Fibers Using Laser Ablation	17.07.2000
Blyler 47-10-81-9-23 (LL)	ALU	00306066.2	EP1075926	GB	End Finishing Of Plastic Optical Fibers Using Laser Ablation	17.07.2000
Blumberg 20-25 (G)	ALU	12/368792	US7920766	US	Surface-Plasmon-Assisted Optical Frequency Conversion	10.02.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Blumberg 3-1-1-3-3 (MR)	ALU	10/441700	US7146541	US	Back Out Provision For Failed Programmable Hardware Update	20.05.2003
Blumberg 4-1-1 (G)	ALU	20030057943	KR10952064	KR	Optical Routers Based On Surface Plasmons	21.08.2003
Blumberg 4-1-1 (G)	ALU	2003297716	JP4790209	JP	Optical Routers Based On Surface Plasmons	21.08.2003
Blumberg 4-1-1 (G)	ALU	10/350780	US7027689	US	Optical Routers Based On Surface Plasmons	24.01.2003
Blumberg 4-1-1 (G)	ALU	03255061.8	EP1445632	FR	Optical Routers Based On Surface Plasmons	14.08.2003
Blumberg 4-1-1 (G)	ALU	03255061.8	EP1445632	DE	Optical Routers Based On Surface Plasmons	14.08.2003
Blumberg 4-1-1 (G)	ALU	03255061.8	EP1445632	GB	Optical Routers Based On Surface Plasmons	14.08.2003
Blumberg 4-1-1 (G)	ALU	11/180351	US7039315	US	Optical Routers Based On Surface Plasmons	13.07.2005
Blumberg 4-1-1 (G)	ALU	11/181293	US7039277	US	Optical Routers Based On Surface Plasmons	14.07.2005
Blott 4-5-2-2-10 (SM)	ALU	09/276218	US6681230	US	Real-Time Event-Processing System With Service Authoring Environment	25.03.1999
Boie 20-26 (RA)	ALU	11/378169	US7435961	US	Imaging Sensor	17.03.2006
Bruno 7-4-14-22-51-1 (JL)	ALU	09/450036	US6675229	US	Methods And Apparatus For Providing Quality Of Service For Legacy Applications	29.11.1999
Bohannon 14 (PL)	ALU	10/651740	US6847856	US	Method For Determining Juxtaposition Of Physical Components With Use Of RFID Tags	29.08.2003
Bolle 25-13 (CA)	ALU	11/329374	US7317428	US	Forming An Antenna Beam Using An Array Of Antennas To Provide A Wireless Communication	10.01.2006
Bond 6-9-11 (AE)	ALU	09/588427	US6376272	US	InA1As Etch Stop Layer For Precise Semiconductor Waveguide Fabrication	06.06.2000
Borst 18-15 (SC)	ALU	2010502093	JP4949513	JP	Mimo Communication System With User Scheduling Based On Reduced Channel State Information	26.03.2008
Borst 18-15 (SC)	ALU	200880010787.2	ZL200880010787.2	CN	Mimo Communication System With User Scheduling Based On Reduced Channel State Information	26.03.2008
Borst 18-15 (SC)	ALU	11/694443	US7801238	US	Mimo Communication System With User Scheduling Based On Reduced Channel State Information	30.03.2007
Boivin 4-1 (L)	ALU	09/532679	US6459826	US	Programmable Optical Switch Apparatus	21.03.2000
Boivin 4-1 (L)	ALU	01302212.4	EP1137308	DE	Programmable Optical Switch Apparatus	12.03.2001
Boivin 4-1 (L)	ALU	01302212.4	EP1137308	GB	Programmable Optical Switch Apparatus	12.03.2001
Boivin 4-1 (L)	ALU	01302212.4	EP1137308	FR	Programmable Optical Switch Apparatus	12.03.2001
Bu 1-2-28 (T)	ALU	10/762391	US7991852	US	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	22.01.2004
Bu 10-5-5-1 (T)	ALU	11/770430	US7779143	US	Scalable Methods For Detecting Significant Traffic Patterns In A Data Network	28.06.2007
Bu 11-35-26-1-3-7 (T)	ALU	20107006620	KR101141958	KR	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Bu 11-35-26-1-3-7 (T)	ALU	1577/CHENP/2010		IN	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Bu 11-35-26-1-3-7 (T)	ALU	11/905242	US9036540	US	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	28.09.2007
Bu 11-35-26-1-3-7 (T)	ALU	2010526897	JP5265685	JP	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Bu 11-35-26-1-3-7 (T)	ALU	200880107785.5	ZL200880107785.5	CN	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Botkin 2-8-3 (DJ)	ALU	10/856495	US7535850	US	Method And Apparatus For Providing Voice Path Assurance Testing Through A Packet Network	28.05.2004
Bogner 3-14-1 (N)	ALU	01303935.9	EP1255353	GB	Channel-Selective Amplifier With Tunable Filter	30.04.2001
Bogner 3-14-1 (N)	ALU	01303935.9	EP1255353	FR	Channel-Selective Amplifier With Tunable Filter	30.04.2001
Bogner 3-14-1 (N)	ALU	01303935.9	EP1255353	DE	Channel-Selective Amplifier With Tunable Filter	30.04.2001
Bogner 3-14-1 (N)	ALU	10/119516	US7054600	US	Channel-Selective Amplifier With Tunable Filter	10.04.2002
Bogner 3-14-1 (N)	ALU	2002128048	JP4011390	JP	Channel-Selective Amplifier With Tunable Filter	30.04.2002
Bosch 9-1-41 (P)	ALU	200680046257.4	ZL200680046257.4	CN	Method Of Downlink Rate Control	08.12.2006
Bosch 9-1-41 (P)	ALU	2902/CHENP/2008	IN284311	IN	Method Of Downlink Rate Control	08.12.2006
Bosch 9-1-41 (P)	ALU	20087014139	KR101379198	KR	Method Of Downlink Rate Control	08.12.2006
Boylan 6-7-8 (JJ)	ALU	09/090430	US5929618	US	System And Method Synchronizing And Interleaving Power Modules	04.06.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bosch 26-32 (P)	ALU	11/928307	US9413886	US	Method Of Providing User-Detectable Feedback Indicating Channel Conditions	30.10.2007
Boland 11-28 (RR)	ALU	10/719859	US7069002	US	Message Waiting Indication Operable To Overcome A Border Condition Between Mobile Switching Centers	20.11.2003
Boland 2-1-2-6-2 (RR)	ALU	09/153319	US6353621	US	Method To Allow Seamless Service To Mobile Subscribers Across Various Mobile Switching Centers Supporting Multiple Intersystem Standards	15.09.1998
Bolshtyansky 1-14 (MA)	ALU	10/084908	US6882664	US	Laser With Internally Coupled Pump Source	28.02.2002
Bosch 29-1 (P)	ALU	12/155501	US8488553	US	Method For Providing Seamless Transition Between Networks Following Different Protocols	05.06.2008
Bosch 29-1 (P)	ALU	2011512449	JP5073099	JP	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	200980120911.5	ZL200980120911.5	CN	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	20107027082	KR101169581	KR	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	7798/CHENP/2010		IN	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	2010154512	RU2463733	RU	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	Mx/a/2010/012889	MX309042	MX	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	209345	IL209345	IL	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Boland 7-18 (RR)	ALU	09/569983	US6738629	US	Method for Flood Paging In A Telecommunications Network	10.05.2000
Boland 9-26 (RR)	ALU	11/030215	US7460858	US	System For Providing Message Waiting Notification Updates In A Cellular Communication Network	05.01.2005
Boland 9-26 (RR)	ALU	10/610174	US7151923	US	System For Providing Message Waiting Notification Updates In A Cellular Communication Network	30.06.2003
Boles 1-14-2-3-1-3 (GM)	ALU	10/255008	US7123675	US	Clock, Data And Time Recovery Using Bit-Resolved Timing Registers	25.09.2002
Boles 2-15-4-2-4 (GM)	ALU	10/460572	US7242739	US	Method And Apparatus For Multiphase, Fast-Locking Clock And Data Recovery	12.06.2003
Cai 125-42 (Y)	ALU	12/193550	US8175975	US	An IMS Device Operable For Financial Transaction Authorization And ID Cards Display	18.08.2008
Cai 127-43 (Y)	ALU	12/023120	US8619988	US	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	31.01.2008
Cai 130-45 (Y)	ALU	12/032668	US8023926	US	Offline Charging For Sessions Over A 3GPP Network And A WLAN Access Network	16.02.2008
Bushnell 29-6-1 (WJ)	ALU	2008504215	JP4989624	JP	A Method And Apparatus For Providing Enhanced Features To Multicast Content Services And Multiplayer Gaming Services	28.03.2006
Bushnell 29-6-1 (WJ)	ALU	20077022058	KR101298956	KR	A Method And Apparatus For Providing Enhanced Features To Multicast Content Services And Multiplayer Gaming Services	28.03.2006
Bushnell 29-6-1 (WJ)	ALU	06739689.5		EP	A Method And Apparatus For Providing Enhanced Features To Multicast Content Services And Multiplayer Gaming Services	28.03.2006
Cai 133-17 (Y)	ALU	08796888.9		EP	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	2011521078	JP5117616	JP	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	200880130595.5	ZL200880130595.5	CN	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	12/999575	US8483135	US	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	20117002105	KR101262689	KR	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 134-37 (Y)	ALU	208478	IL208478	IL	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	MX/a/2010/011239	MX310148	MX	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	2009238677	AU2009238677	AU	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	2010147446	RU2452134	RU	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	098112654	TWI466563	TW	Charging In LTE/EPC Communication Networks	16.04.2009
Cai 134-37 (Y)	ALU	6272/CHENP/2010		IN	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	PI0911302-9		BR	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	12/107507	US8116728	US	Charging In LTE/EPC Communication Networks	22.04.2008
Cai 134-37 (Y)	ALU	20107023714	KR101195362	KR	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 135-38 (Y)	ALU	20107023029	KR101195691	KR	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	2010146386	RU2451418	RU	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	2009236665	AU2009236665	AU	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Cai 135-38 (Y)	ALU	6129/CHENP/2010		IN	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	098110675	TWI456941	TW	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	31.03.2009
Cai 137-18 (Y)	ALU	2010153374	RU2454030	RU	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	209206	IL209206	IL	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	Mx/a/2010/012806	MX308845	MX	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	2008356856	AU2008356856	AU	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	7321/CHENP/2010		IN	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	2011511580	JP5269985	JP	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	PI0822731-4		BR	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	08874507.0		EP	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 143-55 (Y)	ALU	12/392420	US8375090	US	Advertisement Blocking In IMS Networks	25.02.2009
Brener 4-20 (IM)	ALU	08/912631	US5894125	US	Near Field Terahertz Imaging	18.08.1997
Brassil 4-1-6 (JT)	ALU	09/398979	US6771644	US	Program Insertion In Real Time IP Multicast	17.09.1999
Cai 135-38 (Y)	ALU	12/104145	US8175575	US	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	16.04.2008
Cai 16 (Y)	ALU	09/527269	US6359975	US	Intelligent-Networked Telecommunication System Which Strategically creates And Employs Service-Dependent Pseudo Calling Line Identities To Eliminate Redundant Billing Errors	17.03.2000
Cai 137-18 (Y)	ALU	12/989621		US	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Branigan 1-1-7 (S)	ALU	09/578633	US7299489	US	Method And Apparatus For Host Probing	25.05.2000
Cai 32-1-2-7-3-5-2 (Y)	ALU	10/926864	US7010104	US	Pre-Biller Capability In Enhanced Charging Collection Function (CCF) Applications	26.08.2004
Cai 38-4-5 (Y)	ALU	05257715.2	EP1675333	DE	Detection Of Unwanted Messages (SPAM)	15.12.2005
Cai 38-4-5 (Y)	ALU	20050127299	KR101186743	KR	Detection Of Unwanted Messages (SPAM)	21.12.2005
Cai 38-4-5 (Y)	ALU	200510137704.4	ZL10137704.4	CN	Detection Of Unwanted Messages (SPAM)	20.12.2005
Cai 38-4-5 (Y)	ALU	11/018269	US8396927	US	Detection Of Unwanted Messages (SPAM)	21.12.2004
Cai 39-5-6 (Y)	ALU	2005367330	JP4827518	JP	Unwanted Message (SPAM) Detection Based On Message Content	21.12.2005
Cai 39-5-6 (Y)	ALU	200510137705.9	ZL10137705.9	CN	Unwanted Message (SPAM) Detection Based On Message Content	20.12.2005
Cai 39-5-6 (Y)	ALU	20050127222	KR101170562	KR	Unwanted Message (SPAM) Detection Based On Message Content	21.12.2005
Cai 39-5-6 (Y)	ALU	05257705.3	EP1675330	DE	Unwanted Message (SPAM) Detection Based On Message Content	15.12.2005
Cai 39-5-6 (Y)	ALU	05257705.3	EP1675330	GB	Unwanted Message (SPAM) Detection Based On Message Content	15.12.2005
Cai 39-5-6 (Y)	ALU	05257705.3	EP1675330	FR	Unwanted Message (SPAM) Detection Based On Message Content	15.12.2005
Cai 30-5-1-2 (Y)	ALU	10/717849	US7356327	US	Enhanced Recharge Card Management System With Reseller Users' Security And Accessibility	19.11.2003
Bright 7-11-6-13 (PL)	ALU	10/417517	US7206574	US	Automated Exchange Of Broadband Communication Addresses Over A Non-Broadband Channel In A Wireless Telecommunication System	17.04.2003
Cai 38-4-5 (Y)	ALU	05257715.2	EP1675333	GB	Detection Of Unwanted Messages (SPAM)	15.12.2005
Cai 38-4-5 (Y)	ALU	05257715.2	EP1675333	FR	Detection Of Unwanted Messages (SPAM)	15.12.2005
Byers 54-1-3-4 (CC)	ALU	10/449169	US7131023	US	Programmable Clock Management Component Reconfiguration Upon Receipt Of One Or More Control Signals To Be Able To Process One Or More Frequency Signals	30.05.2003
Cai 44 (Y)	ALU	11/133934	US7643623	US	Flexible Mobile Prepaid Scratch Card Recharge	20.05.2005
Cai 44 (Y)	ALU	2008512373	JP5378789	JP	Flexible Mobile Prepaid Scratch Card Recharge	12.05.2006
Cai 46-4-4-5 (Y)	ALU	11/190731	US7940904	US	Converged Offline Charging And Online Charging	27.07.2005
Cai 46-4-4-5 (Y)	ALU	20077030024	KR101280214	KR	Converged Offline Charging And Online Charging	23.06.2006
Cai 46-4-4-5 (Y)	ALU	2008518496	JP4833284	JP	Converged Offline Charging And Online Charging	23.06.2006
Cai 46-4-4-5 (Y)	ALU	200510079123.X	ZL10079123.X	CN	Converged Offline Charging And Online Charging	24.06.2005
Cai 108 (Y)	ALU	11/624963	US7885661	US	Systems And Methods For Mobile Virtual Network Operator Mobile To Mobile Service	19.01.2007
Cai 111-35 (Y)	ALU	11/691913	US8165561	US	IMS Networks Providing Business-Related Content To Wireless Devices	27.03.2007
Cai 114 (Y)	ALU	11/807802	US8145514	US	IMS Charging Capacity Control	30.05.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Cai 117-28 (Y)	ALU	11/833425	US8762474	US	Notification Of Waiting Voicemail Messages Between Different Types Of Communication Networks	03.08.2007
Cai 118 (Y)	ALU	11/850537	US8189752	US	Per-Session Dynamic Charging Caps In Communication Networks	05.09.2007
Cai 119 (Y)	ALU	11/850562	US8126124	US	Charging For Long Duration Sessions in Communication Networks	05.09.2007
Cai 121-39 (Y)	ALU	20107006690	KR101045706	KR	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	1607/CHENP/2010		IN	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	097134430	TWI469571	TW	Charging For Roaming Users In IMS Networks	08.09.2008
Cai 121-39 (Y)	ALU	2010116349	RU2439822	RU	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	204671	IL204671	IL	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	11/862413	US7945241	US	Charging For Roaming Users In IMS Networks	27.09.2007
Cai 121-39 (Y)	ALU	2010526896	JP4991010	JP	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	200880108896.8	ZL200880108896.8	CN	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	2008305725	AU2008305725	AU	Charging For Roaming Users In IMS Networks	15.09.2008
Byers 64-1-1 (CC)	ALU	11/872153	US7688593	US	Servo Damper Control Of Airflow Within An Electronics Chassis	15.10.2007
Brok 6-1 (J)	ALU	11/052260	US7735118	US	Method And Apparatus For Preventing Bridging Of Secure Networks And Insecure Networks	07.02.2005
Brown 16-2-2-2 (MK)	ALU	09/168405	US6587822	US	Web-Based Platform for Interactive Voice Response (IVR)	06.10.1998
Brown 16-2-2-2 (MK)	ALU	2280331	CA2280331	CA	Web-Based Platform for Interactive Voice Response (IVR)	17.08.1999
Brown 16-2-2-2 (MK)	ALU	19990042747	KR661687	KR	Web-Based Platform for Interactive Voice Response (IVR)	05.10.1999
Brouwer 2-34 (WL)	ALU	10/140425	US7016474	US	Reduced Cost Digital Subscriber Line (DSL) Interface Arrangement	06.05.2002
Buddhikot 13-21-1 (MM)	ALU	11/772140	US8532023	US	Interference Aware Routing In Multi-Radio Wireless Mesh Networks	30.06.2007
Buddhikot 16-1 (MM)	ALU	11/862561	US9198033	US	Method And Apparatus for Authenticating Nodes In A Wireless Network	27.09.2007
Buddhikot 16-1 (MM)	ALU	1541/CHENP/2010		IN	Method And Apparatus for Authenticating Nodes In A Wireless Network	23.09.2008
Capasso 50-82-14-3-16-19-2 (F)	ALU	09/071219	US6091753	US	Article Comprising An Improved Superlattice Quantum Cascade Laser	01.05.1998
Capasso 50-82-14-3-16-19-2 (F)	ALU	99303044.4	EP0957547	DE	Article Comprising An Improved Superlattice Quantum Cascade Laser	20.04.1999
Capasso 50-82-14-3-16-19-2 (F)	ALU	99303044.4	EP0957547	GB	Article Comprising An Improved Superlattice Quantum Cascade Laser	20.04.1999
Capasso 50-82-14-3-16-19-2 (F)	ALU	99303044.4	EP0957547	FR	Article Comprising An Improved Superlattice Quantum Cascade Laser	20.04.1999
Capasso 53-85-6-18-22-4 (F)	ALU	09/176527	US6148012	US	Multiple Wavelength Quantum Cascade Light Source	21.10.1998
Buddhikot 16-1 (MM)	ALU	200880108732.5	ZL200880108732.5	CN	Method And Apparatus for Authenticating Nodes In A Wireless Network	23.09.2008
Buddhikot 16-1 (MM)	ALU	20107006050	KR101123610	KR	Method And Apparatus for Authenticating Nodes In A Wireless Network	23.09.2008
Burgess 19-39-21-37 (JK)	ALU	12/591341	US9042870	US	Methods For Capacity Limitation Mitigation In A Radio Frequency Device	17.11.2009
Burgess 5-2-1-1 (JK)	ALU	02253211.3	EP1261158	FR	Walsh Code Allocation/De-Allocation System	08.05.2002
Burgess 5-2-1-1 (JK)	ALU	02253211.3	EP1261158	DE	Walsh Code Allocation/De-Allocation System	08.05.2002
Burgess 5-2-1-1 (JK)	ALU	02253211.3	EP1261158	GB	Walsh Code Allocation/De-Allocation System	08.05.2002
Burgess 5-2-1-1 (JK)	ALU	2002137328	JP4024588	JP	Walsh Code Allocation/De-Allocation System	13.05.2002
Burgess 5-2-1-1 (JK)	ALU	09/858382	US7012886	US	Walsh Code Allocation/De-Allocation System	16.05.2001
Burgess 5-2-1-1 (JK)	ALU	20020026796	KR100947393	KR	Walsh Code Allocation/De-Allocation System	15.05.2002
Buehrer 4-3-4-1 (RM)	ALU	20000021207	KR662223	KR	Method Of Channel Estimation And Compensation Based Thereon	21.04.2000
Buehrer 4-3-4-1 (RM)	ALU	2000123004	JP3993734	JP	Method Of Channel Estimation And Compensation Based Thereon	24.04.2000
Buehrer 4-3-4-1 (RM)	ALU	305/MAS/2000	IN206491	IN	Method Of Channel Estimation And Compensation Based Thereon	20.04.2000
Buehrer 4-3-4-1 (RM)	ALU	09/296654	US6542560	US	Method Of Channel Estimation And Compensation Based Thereon	23.04.1999
Carlbom 10-7-3-10 (IB)	ALU	10/167533	US7580912	US	Performance Data Mining Based On Real-Time Analysis Of Sensor Data	12.06.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Carlbom 2-3-5 (IB)	ALU	09/102071	US6233007	US	Method And Apparatus For Tracking Position Of A Ball In Real Time	22.06.1998
Carlbom 3-4-6 (IB)	ALU	09/100948	US6441846	US	Method And Apparatus For Deriving Novel Sports Statistics From Real Time Tracking Of Sporting Events	22.06.1998
Carlbom 4-5-7 (IB)	ALU	09/100943	US6141041	US	Method And Apparatus For Determination And Visualization Of Player Field Coverage In Sporting Event	22.06.1998
Carver 6 (GE)	ALU	20030057876	KR10990324	KR	Polarization Independent Optical Taps	21.08.2003
Carver 6 (GE)	ALU	2003295431	JP4542321	JP	Polarization Independent Optical Taps	19.08.2003
Carver 6 (GE)	ALU	03254965.1	EP1408355	DE	Polarization Independent Optical Taps	09.08.2003
Carver 6 (GE)	ALU	03254965.1	EP1408355	GB	Polarization Independent Optical Taps	09.08.2003
Carver 6 (GE)	ALU	03254965.1	EP1408355	FR	Polarization Independent Optical Taps	09.08.2003
Carver 6 (GE)	ALU	10/269022	US6807004	US	Polarization Independent Optical Taps	10.10.2002
Capasso 47-79-8-11-14-16 (F)	ALU	09/012300	US6023482	US	Article Comprising A Strain-Compensated QC Laser	23.01.1998
Capasso 47-79-8-11-14-16 (F)	ALU	99300200.5	EP0932230	GB	Article Comprising A Strain-Compensated QC Laser	12.01.1999
Capasso 47-79-8-11-14-16 (F)	ALU	99300200.5	EP0932230	FR	Article Comprising A Strain-Compensated QC Laser	12.01.1999
Capasso 47-79-8-11-14-16 (F)	ALU	99300200.5	EP0932230	DE	Article Comprising A Strain-Compensated QC Laser	12.01.1999
Capasso 47-79-8-11-14-16 (F)	ALU	14257/1999	JP3923205	JP	Article Comprising A Strain-Compensated QC Laser	22.01.1999
Capasso 48-80-12-15-12-17-1 (F)	ALU	09/033250	US6144681	US	Article Comprising A Dual-Wavelength Quantum Cascade Photon Source	02.03.1998
Buehrer 8-5 (RM)	ALU	09/455947	US6549565	US	Code Division Multiple Access System And Method Of Operation With Improved Signal Acquisition And Processing	07.12.1999
Buehrer 8-5 (RM)	ALU	20000074186	KR757696	KR	Code Division Multiple Access System And Method Of Operation With Improved Signal Acquisition And Processing	07.12.2000
Buehrer 8-5 (RM)	ALU	2000372278	JP3980263	JP	Code Division Multiple Access System And Method Of Operation With Improved Signal Acquisition And Processing	07.12.2000
Byers 43-5 (CC)	ALU	2002237297	JP4065390	JP	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	16.08.2002
Byers 43-5 (CC)	ALU	2396605	CA2396605	CA	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	01.08.2002
Byers 43-5 (CC)	ALU	02255515.5	EP1284431	FR	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	07.08.2002
Byers 43-5 (CC)	ALU	02255515.5	EP1284431	DE	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	07.08.2002
Byers 43-5 (CC)	ALU	09/932706	US7162158	US	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	17.08.2001
Busschbach 1-9 (PB)	ALU	09/121148	US6202170	US	Equipment Protection System	23.07.1998
Busschbach 2-1-1-6 (PB)	ALU	09/918385	US7002957	US	Method Of Transporting Frames Of Information Between Parts Of A Network Through An Intermediate Network	30.07.2001
Busschbach 2-1-1-6 (PB)	ALU	02253957.1	EP1282250	FR	Method Of Transporting Frames Of Information Between Parts Of A Network Through An Intermediate Network	06.06.2002
Busschbach 2-1-1-6 (PB)	ALU	02253957.1	EP1282250	DE	Method Of Transporting Frames Of Information Between Parts Of A Network Through An Intermediate Network	06.06.2002
Busschbach 2-1-1-6 (PB)	ALU	2002220543	JP3902522	JP	Method Of Transporting Frames Of Information Between Parts Of A Network Through An Intermediate Network	30.07.2002
Byers 44-6 (CC)	ALU	09/932707	US7110679	US	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	17.08.2001
Byers 44-6 (CC)	ALU	02254818.4	EP1291693	FR	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	09.07.2002
Byers 44-6 (CC)	ALU	02254818.4	EP1291693	DE	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	09.07.2002
Byers 44-6 (CC)	ALU	02254818.4	EP1291693	GB	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	09.07.2002
Byers 45-7-7 (CC)	ALU	09/836029	US6771846	US	Optical Interconnect For Mezzanine Circuit Boards	17.04.2001
Bu 2-3-32 (T)	ALU	11/093457	US7515926	US	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	30.03.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bu 2-3-32 (T)	ALU	06251054.0	EP1708538	DE	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	28.02.2006
Bu 2-3-32 (T)	ALU	06251054.0	EP1708538	GB	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	28.02.2006
Bu 2-3-32 (T)	ALU	06251054.0	EP1708538	FR	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	28.02.2006
Bu 2-3-32 (T)	ALU	200610068343.7	ZL10068343.7	CN	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	29.03.2006
Bu 2-3-32 (T)	ALU	200693315	JP4891641	JP	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	30.03.2006
Bu 2-3-32 (T)	ALU	20060028985	KR101187720	KR	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	30.03.2006
Bu 3-4-33 (T)	ALU	11/094416		US	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	31.03.2005
Bu 3-4-33 (T)	ALU	2008504141	JP4994359	JP	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	21.03.2006
Bu 3-4-33 (T)	ALU	20077022059	KR101235099	KR	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	27.09.2007
Burch 2-9 (HJ)	ALU	09/901286	US7356689	US	Method And Apparatus For Tracing Packets In A Communications Network	09.07.2001
Bu 6-6-40 (T)	ALU	11/303915	US8965334	US	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	19.12.2005
Bu 6-6-40 (T)	ALU	2008547354	JP5378799	JP	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
Bu 9-8-29 (T)	ALU	11/647274	US8966270	US	Methods And Systems For Providing Controlled Access To The Internet	29.12.2006
Budka 28-3 (KC)	ALU	10715443.7		EP	A Method And A System For Targeted And Well-Timed Free Application/Service Offers For Mobile Users	20.04.2010
Budka 4-1-1 (KC)	ALU	09/315723	US6577871	US	Technique For Effectively Managing Processing Loads In A Communications Arrangement	20.05.1999
Byers 39-1 (CC)	ALU	09/932703	US6993260	US	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	17.08.2001
Byers 39-1 (CC)	ALU	02254778.0	EP1284429	GB	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	09.07.2002
Byers 39-1 (CC)	ALU	02254778.0	EP1284429	FR	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	09.07.2002
Byers 39-1 (CC)	ALU	02254778.0	EP1284429	DE	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	09.07.2002
Cabot 1-11-23-15-1 (S)	ALU	09/746922	US6597853	US	Device Packaging And Method	21.12.2000
Cai 86-5-12-10-2 (Y)	ALU	20097008405	KR101101015	KR	Third Party Charging For SIP Sessions	19.10.2007
Cai 86-5-12-10-2 (Y)	ALU	200780039198.2	ZL80039198.2	CN	Third Party Charging For SIP Sessions	19.10.2007
Cai 86-5-12-10-2 (Y)	ALU	1526/CHENP/2009		IN	Third Party Charging For SIP Sessions	19.10.2007
Cai 86-5-12-10-2 (Y)	ALU	11/553520	US8289885	US	Third Party Charging For SIP Sessions	27.10.2006
Cai 86-5-12-10-2 (Y)	ALU	2009534598	JP4975106	JP	Third Party Charging For SIP Sessions	19.10.2007
Chang 2-7-9-7 (SS)	ALU	2004335320	JP4526931	JP	Communication Device That Provides Enhanced Services	19.11.2004
Chang 2-7-9-7 (SS)	ALU	20040092299	KR101091698	KR	Communication Device That Provides Enhanced Services	12.11.2004
Chang 2-7-9-7 (SS)	ALU	10/717889	US7050553	US	Communication Device That Provides Enhanced Services	20.11.2003
Cai 72-27 (Y)	ALU	11/438175	US7962120	US	Allocation Of Internet Protocol (IP) Multimedia Subsystem (IMS) Charges	22.05.2006
Cai 76 (Y)	ALU	2009513255	JP4785967	JP	Alerting For Long Duration Sessions In Communication Networks	30.05.2007
Cai 76 (Y)	ALU	11/422009	US8102981	US	Alerting For Long Duration Sessions In Communication Networks	02.06.2006
Cai 76 (Y)	ALU	20087028883	KR101045496	KR	Alerting For Long Duration Sessions In Communication Networks	30.05.2007
Cai 99 (Y)	ALU	11/599024	US8090346	US	Controlling A Shutoff/Restrat Of Mobile Virtual Network Operations Prepaid Services	14.11.2006
Cao 8-5-1 (Q)	ALU	41167/99	AU719179	AU	Transmission Power Control For Packet Switched Communications Systems	27.07.1999
Cao 8-5-1 (Q)	ALU	19990030548	KR0343488	KR	Transmission Power Control For Packet Switched Communications Systems	27.07.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	FR	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	11212628	JP3563302	JP	Transmission Power Control For Packet Switched Communications Systems	27.07.1999
Cao 8-5-1 (Q)	ALU	09/359264	US6647005	US	Transmission Power Control For Packet Switched Communications Systems	22.07.1999
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	ES	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	DE	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	IT	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	FI	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Capece 2-11 (CJ)	ALU	10/686451	US7984001	US	Neural Network-Based Extension Of Global Position Timing	15.10.2003
Capece 2-11 (CJ)	ALU	04255945.0		EP	Neural Network-Based Extension Of Global Position Timing	29.09.2004
Capece 2-11 (CJ)	ALU	200410085684.6	ZL200410085684.6	CN	Neural Network-Based Extension Of Global Position Timing	29.09.2004
Capece 2-11 (CJ)	ALU	20040077943	KR101263493	KR	Neural Network-Based Extension Of Global Position Timing	30.09.2004
Cao 49-26-29-11 (Q)	ALU	02257634.2	EP1418780	DE	Method, And Telecommunications Apparatus, For Providing Measurement Reporting Criteria To A Mobile User Terminal	05.11.2002
Calme 2-49-11 (JA)	ALU	11/639938	US8139541	US	A Method And System For Bypassing Media Gateways In Wireless Networks	15.12.2006
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	GB	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Capasso 54-86-16-7-19-13-23 (F)	ALU	99305717.3	EP0977329	DE	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	20.07.1999
Capasso 54-86-16-7-19-13-23 (F)	ALU	99305717.3	EP0977329	GB	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	20.07.1999
Capasso 54-86-16-7-19-13-23 (F)	ALU	99305717.3	EP0977329	FR	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	20.07.1999
Cai 47-1-2-1-6 (Y)	ALU	2008518444	JP4829296	JP	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	20077030022	KR101259721	KR	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	5845/CHENP/2007		IN	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Capasso 54-86-16-7-19-13-23 (F)	ALU	11212626	JP3545970	JP	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	27.07.1999
Capasso 55-89-8-20-24-5 (F)	ALU	09/159127	US6055254	US	Quantum Cascade Light Emitter With Pre-Biased Internal Electronic Potential	23.09.1998
Capasso 55-89-8-20-24-5 (F)	ALU	268019/1999	JP3522606	JP	Quantum Cascade Light Emitter With Pre-Biased Internal Electronic Potential	22.09.1999
Capasso 55-89-8-20-24-5 (F)	ALU	99307257.8	EP0989644	FR	Quantum Cascade Light Emitter With Pre-Biased Internal Electronic Potential	14.09.1999
Capasso 55-89-8-20-24-5 (F)	ALU	99307257.8	EP0989644	DE	Quantum Cascade Light Emitter With Pre-Biased Internal Electronic Potential	14.09.1999
Capasso 55-89-8-20-24-5 (F)	ALU	99307257.8	EP0989644	GB	Quantum Cascade Light Emitter With Pre-Biased Internal Electronic Potential	14.09.1999
Capasso 56-91-9-9-21-25-6 (F)	ALU	09/195260	US6324199	US	Intersubband Light Source With Separate Electron Injector And Reflector/Extractor	18.11.1998
Capasso 57-93-10-22-26-7 (F)	ALU	09/316618	US6278134	US	Bi-Directional Unipolar Semiconductor Light Source	21.05.1999
Capasso 59-97-12-24-28-9 (F)	ALU	2001046367	JP3848841	JP	Distributed Feedback Surface Plasmon Laser	22.02.2001
Capasso 59-97-12-24-28-9 (F)	ALU	09/512566	US6501783	US	Distributed Feedback Surface Plasmon Laser	24.02.2000
Capasso 59-97-12-24-28-9 (F)	ALU	01104917.0	ZL01104917.0	CN	Distributed Feedback Surface Plasmon Laser	23.02.2001
Cai 47-1-2-1-6 (Y)	ALU	200510079122.5	ZL200510079122.5	CN	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	24.06.2005
Cai 48 (Y)	ALU	11/261342	US7457609	US	Methods And Systems For Controlling Services Provided To Shared Plan Subscribers	28.10.2005
Cao 1 (X)	ALU	09/511150	US6486696	US	Termination Structure For High Speed, High Pin Density Chips	23.02.2000
Capasso 54-86-16-7-19-13-23 (F)	ALU	09/124295	US6301282	US	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	29.07.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Capasso 60-98-13-13-1-29-10 (F)	ALU	09/512757	US6400744	US	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	25.02.2000
Capasso 60-98-13-13-1-29-10 (F)	ALU	2000324946	JP3833463	JP	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	25.10.2000
Capasso 60-98-13-13-1-29-10 (F)	ALU	00307623.9	EP1137133	GB	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	04.09.2000
Capasso 60-98-13-13-1-29-10 (F)	ALU	00307623.9	EP1137133	FR	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	04.09.2000
Cai 55-2-2-4-1-10 (Y)	ALU	20087018087	KR101395389	KR	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Cai 55-2-2-4-1-10 (Y)	ALU	2008551463	JP5404053	JP	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Cai 55-2-2-4-1-10 (Y)	ALU	200610006044.0	ZL200610006044.0	CN	IMS Budget Control For A Media Change During An IMS Session	24.01.2006
Capasso 60-98-13-13-1-29-10 (F)	ALU	00307623.9	EP1137133	DE	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	04.09.2000
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	01117576.1	ZL01117576.1	CN	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	03.07.2001
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	01304497.9	EP1215781	GB	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	22.05.2001
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	01304497.9	EP1215781	CH	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	22.05.2001
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	01304497.9	EP1215781	LI	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	22.05.2001
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	01304497.9	EP1215781	FR	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	22.05.2001
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	01304497.9	EP1215781	DE	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	22.05.2001
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	09/708223	US6556604	US	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	08.11.2000
Cao 2-2-1 (X)	ALU	09/991231	US6819157	US	Delay Compensation Circuit	15.11.2001
Cai 55-2-2-4-1-10 (Y)	ALU	11/369132	US8295456	US	IMS Budget Control For A Media Change During An IMS Session	06.03.2006
Cao 1 (X)	ALU	00107027.4	ZL00107027.4	CN	Termination Structure For High Speed, High Pin Density Chips	22.02.2000
Calin 6 (D)	ALU	10/778190	US8031725	US	Methods And Devices For Obtaining And Forwarding Domain Access Rights For Nodes Moving As A Group	17.02.2004
Capasso 64-102-16-17-27-6-33-12-1 (F)	ALU	2001201723	JP5160708	JP	Flat Minibands With Spatially Symmetric Wavefunctions In Intersubband Superlattice Light Emitters	03.07.2001
Capasso 67-106-30-3-36-1 (F)	ALU	10/081313	US6690699	US	Quantum Cascade Laser With Relaxation-Stabilized Injection	21.02.2002
Capasso 68-107-2-21-3-37 (F)	ALU	2002035179	JP4215984	JP	Engineering The Gain/Loss Profile Of Intersubband Optical Devices Having Heterogeneous Cascades	13.02.2002
Capasso 68-107-2-21-3-37 (F)	ALU	09/883542	US6728282	US	Engineering The Gain/Loss Profile Of Intersubband Optical Devices Having Heterogeneous Cascades	18.06.2001
Capasso 69-109-3-23-1-38-1-2 (F)	ALU	10/096702	US6760354	US	Intersubband Light Emitters With Injection/Relaxation Regions Doped To Different Levels	12.03.2002
Capasso 70-110-24-39-3 (F)	ALU	10/155562	US6836499	US	Optical Amplifier For Quantum Cascade Laser	24.05.2002
Capasso 71-111-4-25-1-40 (F)	ALU	10/261423	US6816530	US	Nonlinear Semiconductor Light Sources	30.09.2002
Capasso 72-112-27-1-8-41-1 (F)	ALU	10/465253	US7010010	US	Broadband Cascade Light Emitters	19.06.2003
Capasso 73-113-5-28-1-9-42-1-15-4 (F)	ALU	10/651466	US7092421	US	Unipolar, Intraband Optoelectronic Transducers With Micro-Cavity Resonators	30.08.2003
Cao 48-25-28-10 (Q)	ALU	10/809881	US7277707	US	Radio Telecommunications Network, And A Method Of Selecting Base Station Antennas For Connection With A Mobile User Terminal	25.03.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Cao 48-25-28-10 (Q)	ALU	05251544.2	EP1581023	FR	Radio Telecommunications Network, And A Method Of Selecting Base Station Antennas For Connection With A Mobile User Terminal	15.03.2005
Cao 48-25-28-10 (Q)	ALU	05251544.2	EP1581023	DE	Radio Telecommunications Network, And A Method Of Selecting Base Station Antennas For Connection With A Mobile User Terminal	15.03.2005
Cao 48-25-28-10 (Q)	ALU	05251544.2	EP1581023	GB	Radio Telecommunications Network, And A Method Of Selecting Base Station Antennas For Connection With A Mobile User Terminal	15.03.2005
Cao 48-25-28-10 (Q)	ALU	20050022765	KR101140236	KR	Radio Telecommunications Network, And A Method Of Selecting Base Station Antennas For Connection With A Mobile User Terminal	18.03.2005
Cao 48-25-28-10 (Q)	ALU	200588690	JP4959143	JP	Radio Telecommunications Network, And A Method Of Selecting Base Station Antennas For Connection With A Mobile User Terminal	25.03.2005
Cao 49-26-29-11 (Q)	ALU	02257634.2	EP1418780	FR	Method, And Telecommunications Apparatus, For Providing Measurement Reporting Criteria To A Mobile User Terminal	05.11.2002
Cao 49-26-29-11 (Q)	ALU	02257634.2	EP1418780	GB	Method, And Telecommunications Apparatus, For Providing Measurement Reporting Criteria To A Mobile User Terminal	05.11.2002
Cao 42-19-22 (Q)	ALU	10/400422	US7006826	US	Method Of Informing Mobile User Terminals Camped On A Cell Of A Base Station That A Service Is Unavailable, A Base Station, And A Network	27.03.2003
Cheng 10-6-6-2 (TS)	ALU	09/167157	US6240287	US	Processing Overload Control At Base Stations Of Cellular Wireless Communication Systems	06.10.1998
Chiussi 23-1-2-11-1 (FM)	ALU	2002000601	JP3953819	JP	Method and Apparatus for Hierarchical Bandwidth Distribution in a Packet Network	07.01.2002
Chambers 10-1-8-3-10 (MD)	ALU	11/172659	US7236791	US	Radio Channel Allocation For National Security And Emergency Preparedness Calls	30.06.2005
Chambers 14 (MD)	ALU	11/398045	US8045973	US	Mobile Device Subject To A Communication Restriction Responding To A Priority Call	05.04.2006
Chander 6-5 (SS)	ALU	09/480013	US7174177	US	System And Method For Providing Indication Of Maximum Teleservice Payload Size In A Wireless Communication Network	10.01.2000
Chin 7-1 (FM)	ALU	10/818384	US7515898	US	Connect Customized Ring Back Tone Service Only At One MSC When InterSystem Page Is Involved	05.04.2004
Chin 7-1-19 (MW)	ALU	10/390103	US7058389	US	Method For Processing Emergency Calls Initiated By Wireless Phones	17.03.2003
Centanni 2-32-9-22-5-7 (JC)	ALU	10/734803	US8032024	US	Method And Apparatus For Multi-Band Optical Switching Using Multi-Pump Parametric Devices	12.12.2003
Centanni 2-32-9-22-5-7 (JC)	ALU	2004357595	JP4813791	JP	Method And Apparatus For Multi-Band Optical Switching Using Multi-Pump Parametric Devices	10.12.2004
Centanni 2-32-9-22-5-7 (JC)	ALU	04257330.3	EP1542494	GB	Method And Apparatus For Multi-Band Optical Switching Using Multi-Pump Parametric Devices	25.11.2004
Centanni 2-32-9-22-5-7 (JC)	ALU	04257330.3	EP1542494	FR	Method And Apparatus For Multi-Band Optical Switching Using Multi-Pump Parametric Devices	25.11.2004
Chiang 3-3 (C)	ALU	10/893215	US7602729	US	Slow-Fast Programming Of Distributed Base Stations In A Wireless Network	19.07.2004
Chand 11-11-1-5-9 (N)	ALU	20000045182	KR633629	KR	System For Delivering Baseband And Multimedia Services On A Passive OpticalNetwork	04.08.2000
Centanni 2-32-9-22-5-7 (JC)	ALU	04257330.3	EP1542494	DE	Method And Apparatus For Multi-Band Optical Switching Using Multi-Pump Parametric Devices	25.11.2004
Chand 11-11-1-5-9 (N)	ALU	2000236353	JP3759385	JP	System For Delivering Baseband And Multimedia Services On A Passive OpticalNetwork	04.08.2000
Chand 11-11-1-5-9 (N)	ALU	00306301.3	EP1079553	GB	System For Delivering Baseband And Multimedia Services On A Passive OpticalNetwork	24.07.2000
Chand 11-11-1-5-9 (N)	ALU	00306301.3	EP1079553	FR	System For Delivering Baseband And Multimedia Services On A Passive OpticalNetwork	24.07.2000
Chand 11-11-1-5-9 (N)	ALU	00306301.3	EP1079553	DE	System For Delivering Baseband And Multimedia Services On A Passive OpticalNetwork	24.07.2000
Chand 11-11-1-5-9 (N)	ALU	09/450823	US6763193	US	System For Delivering Baseband And Multimedia Services On A Passive OpticalNetwork	29.11.1999
Chiussi 23-1-2-11-1 (FM)	ALU	10/008425	US7075934	US	Method and Apparatus for Hierarchical Bandwidth Distribution in a Packet Network	13.11.2001
Chiu 4-1-6-1 (Y)	ALU	09/239117	US6366705	US	Perceptual Preprocessing Techniques To Reduce Complexity Of Video Coders	28.01.1999
Chakrabarti 1-2 (S)	ALU	09/086400	US6163692	US	Telecommunication Network With Mobile Voice Conferencing System And Method	28.05.1998
Chang 4-15 (L)	ALU	09/630459	US6650290	US	Broadband, Low Loss, Modular Feed For Phased Array Antennas	02.08.2000
Chandross 97-41 (EA)	ALU	10/071381	US6457836	US	A Mirror And A Method Of Making The Same	08.02.2002
Chandross 97-41 (EA)	ALU	09/897671	US6382807	US	A Mirror And A Method Of Making The Same	02.07.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Chandrasekhar 10-2 (S)	ALU	09/528979	US6400860	US	Wavelength Selective Polarization Beam Splitter/Combiner	21.03.2000
Cavgalar 1-1-1 (A)	ALU	11/093876	US7792268	US	Truck Architecture For Coupling Central Offices Associated With Public Switched Telephone Networks	30.03.2005
Chao 1-6 (JJ)	ALU	09/114840	US6314281	US	Method And Apparatus For Precisely Locating A Mobile Unit	14.07.1998
Chandrasekhar 18-8 (S)	ALU	10/855449	US7333553	US	Tunable Duobinary Transmitter	27.05.2004
Chan 1-4-2-4-2-8 (CK)	ALU	10/648628	US7363528	US	Brink Of Failure And Breach Of Security Detection And Recovery System	25.08.2003
Chao 3-32 (JJ)	ALU	11/950823	US7598908	US	A Method And Apparatus For Reducing Interference In A Wireless Device	05.12.2007
Chang 1-3-1-6-1-1 (J)	ALU	10/383271	US7554939	US	Handling Specialized Resource Functions Associated With Wireless Intelligent Network In Mobile Switch Center	07.03.2003
Chen 25-2 (Y)	ALU	10/133469	US7146109	US	Analog Modulation Of Optical Signals	26.04.2002
Clark 2-12-14 (AC)	ALU	11/238845	US7477902	US	Capacity Allocation In A Wireless Communication System	29.09.2005
Chen 4-20-5 (J)	ALU	09/041604	US6172565	US	Adaptive Joint Linearization, Equalization And Delay Alignment For A Wide-Band Power Amplifier	13.03.1998
Chen 30-4 (Y)	ALU	10/674722	US7292792	US	High Speed Modulation Of Optical Subcarriers	30.09.2003
Chen 33-4-6 (Y)	ALU	10/859894	US7190047	US	Transistors And Methods For Making The Same	03.06.2004
Chen 4-38-20-42 (T)	ALU	10/793013	US7852963	US	Method And System For Predicting Signal Power To Interference Metric	05.03.2004
Claussen 9 (H)	ALU	11/095351	US7299069	US	Adapting A Communications Network Of Wireless Access Nodes To A Changing Environment	31.03.2005
Chung 1-18 (S)	ALU	09/716558	US6799294	US	Method Of Producing ChannelError Flags For Error Mitigation And ConcealmentIn Source Decoders	20.11.2000
Chung 1-18 (S)	ALU	2001107884	JP3577287	JP	Method Of Producing ChannelError Flags For Error Mitigation And ConcealmentIn Source Decoders	06.04.2001
Chen 2-3 (F)	ALU	10/621324	US7697417	US	Methods And Devices For Re-Routing Traffic	18.07.2003
Chen 2-3-1-2-2 (G)	ALU	12/284972	US7570864	US	Polymeric Compositions Comprising Quantum Dots, Optical Devices Comprising These Compositions And Methods For Preparing Same	26.09.2008
Chen 2-3-1-2-2 (G)	ALU	11/402693	US7197226	US	Polymeric Compositions Comprising Quantum Dots, Optical Devices Comprising These Compositions And Methods For Preparing Same	11.04.2006
Chen 2-3-1-2-2 (G)	ALU	11/650668	US7457508	US	Polymeric Compositions Comprising Quantum Dots, Optical Devices Comprising These Compositions And Methods For Preparing Same	08.01.2007
Chen 2-3-1-2-2 (G)	ALU	10/724174	US7065285	US	Polymeric Compositions Comprising Quantum Dots, Optical Devices Comprising These Compositions And Methods For Preparing Same	01.12.2003
Chen 2-3-34 (IZ)	ALU	11/681883	US8804486	US	Base Stations Routing Traffic Over A Packet Backhaul Network To Multiple Routing Elements	05.03.2007
Chen 44-9-15 (Y)	ALU	20077030837	KR100933381	KR	COHERENT PHASE-SHIFT-KEYING	02.08.2006
Chen 44-9-15 (Y)	ALU	11/204607	US7747177	US	COHERENT PHASE-SHIFT-KEYING	15.08.2005
Chen 45-10-16 (Y)	ALU	11/236246	US7650084	US	Optical Heterodyne Receiver And Method Of Extracting Data From A Phase-Modulated Input Optical Signal	27.09.2005
Chen 46-17 (Y)	ALU	11/284865	US7403711	US	Optical Digital-To-Analog Converter And Method Of Optically Converting Digital Data To Analog Form	22.11.2005
Chen 47-18 (Y)	ALU	11/366145	US7929864	US	An Optical Beanforming Transmitter	02.03.2006
Chen 1-4-8 (C)	ALU	10/985927	US7817644	US	High Speed Weighted Fair Queuing System For ATM Switches	12.11.2004
Chen 1-4-8 (C)	ALU	99307086.1	EP1021060	DE	High Speed Weighted Fair Queuing System For ATM Switches	07.09.1999
Chen 1-4-8 (C)	ALU	99307086.1	EP1021060	GB	High Speed Weighted Fair Queuing System For ATM Switches	07.09.1999
Chen 1-4-8 (C)	ALU	99307086.1	EP1021060	FR	High Speed Weighted Fair Queuing System For ATM Switches	07.09.1999
Chen 2-3-4 (BH)	ALU	09/212261	US6748224	US	Local Positioning System	16.12.1998
Clark 1-12-9 (AC)	ALU	04253182.2	EP1487227	FR	Method For Increasing Wireless Communication System Capacity	28.05.2004
Clark 1-12-9 (AC)	ALU	04253182.2	EP1487227	DE	Method For Increasing Wireless Communication System Capacity	28.05.2004
Clark 1-12-9 (AC)	ALU	04253182.2	EP1487227	GB	Method For Increasing Wireless Communication System Capacity	28.05.2004
Cheng 22-15-12 (F)	ALU	6422/CHENP/2008		IN	Coordinating Transmission Scheduling Among Multiple Base Stations	29.05.2007
Cheng 22-15-12 (F)	ALU	20087029002	KR101101722	KR	Coordinating Transmission Scheduling Among Multiple Base Stations	29.05.2007
Cheng 22-15-12 (F)	ALU	07795466.7		EP	Coordinating Transmission Scheduling Among Multiple Base Stations	29.05.2007
Cheng 22-15-12 (F)	ALU	200780020239.3	ZL80020239.3	CN	Coordinating Transmission Scheduling Among Multiple Base Stations	29.05.2007
Cheng 22-15-12 (F)	ALU	2009513243	JP4966374	JP	Coordinating Transmission Scheduling Among Multiple Base Stations	29.05.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Chen 3-2 (J)	ALU	11/415899	US7808907	US	Scheduling Method For Use In A Mesh Network	02.05.2006
Chen 30-4 (Y)	ALU	200410047664.X	ZL10047664.X	CN	High Speed Modulation Of Optical Subcarriers	28.05.2004
Chen 30-4 (Y)	ALU	2004158480	JP4541033	JP	High Speed Modulation Of Optical Subcarriers	28.05.2004
Chen 5-42-22 (T)	ALU	11/130165	US7603140	US	Method Of Phase Sweep Transmit Diversity (PSTD) And Apparatus For Providing PSTD	17.05.2005
Chen 50-3-15-22 (Y)	ALU	11/644536	US8073345	US	Frequency Estimation In An Intradyne Optical Receiver	22.12.2006
Chen 52-24-12-7 (Y)	ALU	11/957725	US8055141	US	Balanced Optical Signal Processor	17.12.2007
Cheng 14-1-6 (F)	ALU	11/055019	US7515579	US	Dynamic Switching Of A Transmission Time Interval In A Wireless System	09.02.2005
Cheong 5-1 (S)	ALU	09/885471	US6878420	US	MgB2 Superconductors	20.06.2001
Cheong 5-1 (S)	ALU	11/002860	US7668578	US	MgB2 Superconductors	02.12.2004
Chin 23-1-10-1 (FM)	ALU	11/422860	US8000460	US	Providing A Call Waiting Distinctive Ringback Feature In Wireless Networks	07.06.2006
Chen 2-1-5-3 (F)	ALU	10/247899	US7221649	US	Method And Apparatus For Identifying Delay Causes In Traffic Traversing A Network	20.09.2002
Cheng 15-14 (F)	ALU	11/194063	US8054826	US	Controlling Service Quality Of Voice Over Internet Protocol On A Downlink Channel High-Speed Wireless Data Networks	29.07.2005
Cheng 19-13-9 (F)	ALU	11/386065	US7844277	US	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	21.03.2006
Chen 2-18-3 (J)	ALU	09/053407	US6154093	US	Fast Adaptive Wideband Power Amplifier Feed Forward Linearizer Using A RLS Parameter Tracking Algorithm	01.04.1998
Cheng 19-13-9 (F)	ALU	4879/CHENP/2008		IN	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	2008141370	RU2443077	RU	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	2007227704	AU2007227704	AU	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	PI0709562.7		BR	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	200780009713.2	ZL80009713.2	CN	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	MX/a/2008/011861	MX280491	MX	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	20087022478	KR101320910	KR	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	2009501444	JP5094838	JP	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	096109559	TWI435579	TW	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	20.03.2007
Cheng 19-13-9 (F)	ALU	194081	IL194081	IL	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Chin 5-17 (MW)	ALU	10/340707	US7302250	US	Method Of Recognizing Fraudulent Wireless Emergency Service Calls	13.01.2003
Chin 5-43-3 (FM)	ALU	10/718242	US7218922	US	Administrator Designation Of One Or More Tones And/Or One Or More Announcements That Are Playable In A Communication Session As Interruptible	20.11.2003
Chin 6-18 (MW)	ALU	10/340705	US7565130	US	Emergency Intersystem Paging for Emergency Call Back	13.01.2003
Costa 3-1-1 (RS)	ALU	09/168448	US6092588	US	Mounting Bracket With Integral Heat Sink Capabilities	08.10.1998
Costa 3-1-1 (RS)	ALU	09/118239	US5960865	US	Mounting Bracket With Integral Heat Sink Capabilities	17.07.1998
Cooper 9-2 (SE)	ALU	10/458566	US7146192	US	Base Station For Mobile Telecommunications, An Antenna Assembly, And A Method Of Determining The Location Of An Antenna Assembly	10.06.2003
Cooper 9-2 (SE)	ALU	04253329.9	EP1487223	DE	Base Station For Mobile Telecommunications, An Antenna Assembly, And A Method Of Determining The Location Of An Antenna Assembly	04.06.2004
Cooper 9-2 (SE)	ALU	04253329.9	EP1487223	GB	Base Station For Mobile Telecommunications, An Antenna Assembly, And A Method Of Determining The Location Of An Antenna Assembly	04.06.2004
Cooper 9-2 (SE)	ALU	04253329.9	EP1487223	FR	Base Station For Mobile Telecommunications, An Antenna Assembly, And A Method Of Determining The Location Of An Antenna Assembly	04.06.2004
Chu 3-3-4-1 (TP)	ALU	10/357358	US7872991	US	Methods And Procedures In Providing MPLS-Based Layer-2 Virtual Private Network Services	04.02.2003
Chowdhury 15-1 (A)	ALU	20087027648	KR100977951	KR	Nonlinear Optical Devices Based On Metamaterials	14.05.2007
Chowdhury 15-1 (A)	ALU	2009511008	JP4990969	JP	Nonlinear Optical Devices Based On Metamaterials	14.05.2007
Chowdhury 15-1 (A)	ALU	200780017473.0	ZL80017473.0	CN	Nonlinear Optical Devices Based On Metamaterials	14.05.2007

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Chowdhury 15-1 (A)	ALU	6030/CHENP/2008	IN265307	IN	Nonlinear Optical Devices Based On Metamaterials	14.05.2007
Chowdhury 15-1 (A)	ALU	11/432803	US7586670	US	Nonlinear Optical Devices Based On Metamaterials	13.05.2006
Chu 14-1-3 (TP)	ALU	11/715774	US7764971	US	Control Procedure For Simultaneous Media Communications Within A Talk Group In Communication Networks For Public Safety	08.03.2007
Chu 9-14-9 (TP)	ALU	2005281376	JP5111749	JP	Apparatus For Decomposing An Automatic Cross Connect System At A Remote Wiring Hub	28.09.2005
Chu 9-14-9 (TP)	ALU	2517536	CA2517536	CA	Apparatus For Decomposing An Automatic Cross Connect System At A Remote Wiring Hub	30.08.2005
Chu 9-14-9 (TP)	ALU	10/954965	US7693168	US	Apparatus For Decomposing An Automatic Cross Connect System At A Remote Wiring Hub	30.09.2004
Chraplyvy 25-79 (AR)	ALU	09/231033	US6580536	US	Power And Wavelength Management For Mixed-Rate Optical Data Systems	14.01.1999
Chuah 12 (MC)	ALU	291775/1998	JP3443340	JP	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	14.10.1998
Chuah 12 (MC)	ALU	98308330.4	EP0915592	FR	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	13.10.1998
Chuah 12 (MC)	ALU	98308330.4	EP0915592	DE	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	13.10.1998
Chuah 12 (MC)	ALU	09/083792	US6226277	US	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	22.05.1998
Chuah 12 (MC)	ALU	98308330.4	EP0915592	GB	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	13.10.1998
Clarke 13-3-6 (JE)	ALU	98309617.3	EP0926748	GB	Droppable Battery Packs	24.11.1998
Clarke 13-3-6 (JE)	ALU	98309617.3	EP0926748	SE	Droppable Battery Packs	24.11.1998
Clarke 13-3-6 (JE)	ALU	98309617.3	EP0926748	FI	Droppable Battery Packs	24.11.1998
Clarke 13-3-6 (JE)	ALU	98309617.3	EP0926748	FR	Droppable Battery Packs	24.11.1998
Clarke 13-3-6 (JE)	ALU	98309617.3	EP0926748	DE	Droppable Battery Packs	24.11.1998
Clarke 13-3-6 (JE)	ALU	10333779	JP3573259	JP	Droppable Battery Packs	25.11.1998
Clarke 13-3-6 (JE)	ALU	98122691.4	ZL98122691.4	CN	Droppable Battery Packs	25.11.1998
Clarke 13-3-6 (JE)	ALU	08/979055	US6232013	US	Droppable Battery Packs	26.11.1997
Chuah 21-13-1 (MC)	ALU	09/172493	US6674765	US	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	14.10.1998
Chuah 21-13-1 (MC)	ALU	99307818.7	EP0994603	GB	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	05.10.1999
Chuah 21-13-1 (MC)	ALU	99307818.7	EP0994603	DE	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	05.10.1999
Chuah 21-13-1 (MC)	ALU	999291	MX228497	MX	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	11.10.1999
Chuah 21-13-1 (MC)	ALU	291739/1999	JP3521125	JP	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	14.10.1999
Chuah 21-13-1 (MC)	ALU	19990044222	KR704068	KR	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	13.10.1999
Chuah 22-14-2 (MC)	ALU	99307823.7	EP0994604	GB	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	05.10.1999
Chuah 22-14-2 (MC)	ALU	99307823.7	EP0994604	FR	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	05.10.1999
Chuah 22-14-2 (MC)	ALU	99307823.7	EP0994604	DE	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	05.10.1999
Chuah 22-14-2 (MC)	ALU	999290	MX228496	MX	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	11.10.1999
Chuah 22-14-2 (MC)	ALU	291740/1999	JP3662789	JP	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	14.10.1999
Chuah 22-14-2 (MC)	ALU	19990044295	KR746017	KR	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	13.10.1999
Chuah 22-14-2 (MC)	ALU	09/172494	US6594240	US	Methods And Apparatus For Random Backoff Based Access Priority In A Communications System	14.10.1998
Chuah 29-1-4-20 (MC)	ALU	09/264053	US6993021	US	Lightweight Internet Protocol Encapsulation (LIPE) Scheme For Multimedia Traffic Transport	08.03.1999
Chuah 21-13-1 (MC)	ALU	99307818.7	EP0994603	FR	Methods And Apparatus For Random Chip Delay Access Priority In A Communications System	05.10.1999
Chuah 36-6-6 (MC)	ALU	09/138677	US6577643	US	Message And Communication System In Network	24.08.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Chraplyvy 37-62-25 (AR)	ALU	12/194241	US8121494	US	System And Method For Receiving High Spectral Efficiency Optical DPSK Signals	19.08.2008
Chraplyvy 37-62-25 (AR)	ALU	2011523792	JP5480901	JP	System And Method For Receiving High Spectral Efficiency Optical DPSK Signals	05.08.2009
Chraplyvy 37-62-25 (AR)	ALU	1028/CHENP/2011		IN	System And Method For Receiving High Spectral Efficiency Optical DPSK Signals	05.08.2009
Chraplyvy 37-62-25 (AR)	ALU	20117003658	KR101248401	KR	System And Method For Receiving High Spectral Efficiency Optical DPSK Signals	05.08.2009
Chraplyvy 37-62-25 (AR)	ALU	200980132459.4	ZL200980132459.4	CN	System And Method For Receiving High Spectral Efficiency Optical DPSK Signals	05.08.2009
Chraplyvy 37-62-25 (AR)	ALU	09789063.6		EP	System And Method For Receiving High Spectral Efficiency Optical DPSK Signals	05.08.2009
Claussen 13-10-17-46 (H)	ALU	200780016697.X	ZL200780016697.X	CN	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
Claussen 13-10-17-46 (H)	ALU	20087027386	KR101059610	KR	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
Claussen 13-10-17-46 (H)	ALU	2009509628	JP5220729	JP	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
Chuah 55 (MC)	ALU	09/935023	US7346023	US	Reconfigurable Wireless Communication Access System And Method	22.08.2001
Chuah 6-1-8 (MC)	ALU	09/126154	US6515994	US	Method Of Communication In A Communications Network And Apparatuses Therefor	30.07.1998
Chuah 76-11 (MC)	ALU	10/723591	US7330699	US	Power Allocation For MBMS Users Using Mixed FACH And DCH Approach	26.11.2003
Chromatis 3	ALU	11/258325	US7302180	US	Dual Homing for DWDM Networks in Fiber Rings	24.10.2005
Clark 8-10 (EA)	ALU	10/698573	US7558871	US	Data Stream Association With Call Through Employment Of Identifier Within Message Associated With The Call	31.10.2003
Clark 9 (EA)	ALU	10/698327	US7555112	US	Service(s) Provided To Telephony Device(s) Through Employment Of Data Stream(s) Associated With The Call	31.10.2003
Dajer 4-1-19 (M)	ALU	09/176922	US6781980	US	CDMA Transmitter And Method Generating Combined High-Rate And Low-Rate CDMA Signals	22.10.1998
Daniels 1 (WR)	ALU	09/882968	US6888849	US	Method For Evaluating Capacity Utilization Of A Terminus In A Communication System	15.06.2001
Colby 2-2-8-11-2-3 (LS)	ALU	09/075728	US6272502	US	Refreshing Materialized Views Of A Database To Maintain Consistency with Underlying Data	11.05.1998
Dajer 5-4-4 (M)	ALU	09/311159	US6446147	US	Wired-Or Connection in Differential Transmission Environment	13.05.1999
Dajer 7-6-2 (M)	ALU	09/396829	US6507732	US	Dynamic Path Gain Compensation For Radios In Wireless Communication Systems	14.09.1999
Dajer 7-6-2 (M)	ALU	10/209944	US7062242	US	Dynamic Path Gain Compensation For Radios In Wireless Communication Systems	02.08.2002
Dagdeviren 17-17-5-23 (NR)	ALU	09/017592	US6519291	US	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	03.02.1998
Dagdeviren 17-17-5-23 (NR)	ALU	99300563.6	EP0933897	FR	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	26.01.1999
Dagdeviren 17-17-5-23 (NR)	ALU	99300563.6	EP0933897	DE	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	26.01.1999
Dagdeviren 17-17-5-23 (NR)	ALU	99300563.6	EP0933897	GB	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	26.01.1999
Dajer 10-5-4-7 (M)	ALU	09/815855	US6930990	US	Serial Communications Link For Distributed Base Stations	23.03.2001
Dajer 10-5-4-7 (M)	ALU	20020014301	KR629640	KR	Serial Communications Link For Distributed Base Stations	16.03.2002
Cortes 5 (M)	ALU	11/772012	US8930522	US	A Replica/Cache Locator, An Overlay Network And A Method To Locate Replication Tables And Caches Therein	29.06.2007
Costa 4-2-3 (RS)	ALU	09/118746	US6045103	US	Multiple Axis Bracket With Keyed Mount	17.07.1998
De Lind Van Wijngaarden 21-10-13-18-7 (AJ)	ALU	11/848684	US8081560	US	Method And Apparatus For A Self-Tuning Precoder	31.08.2007
De Lind Van Wijngaarden 21-10-13-18-7 (AJ)	ALU	08795562.1		EP	Method And Apparatus For A Self-Tuning Precoder	25.08.2008
De Lind Van Wijngaarden 21-10-13-18-7 (AJ)	ALU	1016/CHENP/2010		IN	Method And Apparatus For A Self-Tuning Precoder	25.08.2008
De Lind Van Wijngaarden 21-10-13-18-7 (AJ)	ALU	200880104756.3	ZL200880104756.3	CN	Method And Apparatus For A Self-Tuning Precoder	25.08.2008
De Lind Van Wijngaarden 21-10-13-18-7 (AJ)	ALU	20107004486	KR10-1522237	KR	Method And Apparatus For A Self-Tuning Precoder	25.08.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	20107027289	KR101216374	KR	Signal Suspension And Resumption In DSL Systems	28.05.2009
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	09758694.5	EP2289209	EP	Signal Suspension And Resumption In DSL Systems	28.05.2009
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	12/157461	US8306097	US	Signal Suspension And Resumption In DSL Systems	10.06.2008
Delavaux 28-4 (JP)	ALU	09/584900	US6850712	US	Optical Fiber Transmission System With Polarization Multiplexing To Reduce Stimulated Brillouin Scattering	31.05.2000
Delavaux 28-4 (JP)	ALU	2001163609	JP3751542	JP	Optical Fiber Transmission System With Polarization Multiplexing To Reduce Stimulated Brillouin Scattering	31.05.2001
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	200980120826.9	ZL200980120826.9	CN	Signal Suspension And Resumption In DSL Systems	28.05.2009
Creighton 1 (RS)	ALU	09/261348	US6529560	US	System And Method To Reduce The Peak-To-Average Power Ratio In A DS-CDMA Transmitter	03.03.1999
Dayal 3-45 (S)	ALU	09/483784	US6504528	US	Magnetic Mouse And/Or Mouse-Pad	14.01.2000
De Lind Van Wijngaarden 28-17-19-27 (AJ)	ALU	12/230080	US8630383	US	Communciation System For Transmitting Sync-Flags And Pilot Symbols And Method Thereof	22.08.2008
DeFelice 2-4 (RA)	ALU	09/498006	US6414884	US	Method And Apparatus For Securing Electronic Circuits	04.02.2000
DeFelice 3-10 (RA)	ALU	09/327936	US6014011	US	Battery Charging System For Portable Electronic Devices	08.06.1999
del Cacho 1-13-15 (C)	ALU	11/737202		US	Method And Apparatus For Instant Messaging	19.04.2007
Del Signore 10 (KW)	ALU	12/291792	US8224357	US	Method For Paging A Mobile Unit Based On Previous Network Interactions	13.11.2008
Del Signore 5-4 (KW)	ALU	11/455514	US8027693	US	Conservation Of Paging Resources In A Mobile Switching Center	19.06.2006
Del Signore 6-21-2 (KW)	ALU	11/589030	US7835739	US	A Method Of Excluding Ineffective Inter System Page Attempts	27.10.2006
de Weerd 4 (J)	ALU	09/099001	US5998887	US	Battery Test Circuit For Optical Network And Method Of Operation Thereof	17.06.1998
Cross 3 (WK)	ALU	08/960615	US6009156	US	Method For Accommodating Multiple Calling Cards During A Single Call In A Telecommunications Network	29.10.1997
Craft 10-1 (TF)	ALU	10/910701	US7100385	US	Thermal Management System For Electrical Enclosures	03.08.2004
Cyr 3 (BL)	ALU	08/957281	US6223055	US	Wireless Office Architecture And Method Of Operation Thereof	24.10.1997
D'herbemont 1-1-1-26 (L)	ALU	10/075877	US6993331	US	Mobile Telecommunications System That Is Robust With Respect To Radio Network Controller Failures	13.02.2002
Cristallo 3-19 (G)	ALU	2789/CHENP/2011		IN	Distributed Resource Management In Networks	26.10.2009
Cristallo 3-19 (G)	ALU	200910212210.6	ZL200910212210.6	CN	Distributed Resource Management In Networks	05.11.2009
Cristallo 3-19 (G)	ALU	12/611983	US8542603	US	Distributed Resource Management In Networks	04.11.2009
Cristallo 3-19 (G)	ALU	2011533591	JP5271419	JP	Distributed Resource Management In Networks	26.10.2009
Cristallo 3-19 (G)	ALU	20117010215	KR101242885	KR	Distributed Resource Management In Networks	26.10.2009
Cunningham 43 (JE)	ALU	09/740446	US6434180	US	Vertical Cavity Surface Emitting Laser (VCSEL)	19.12.2000
Cupo 17-10-3-5 (RL)	ALU	09/293851	US6650717	US	Asymmetric Pulse Amplitude Modulation Transmission Of Multi-Stream Data Embedded In A Hybrid IBOC Channel	19.04.1999
Damask 3 (JN)	ALU	09/516396	US6377719	US	Apparatus And Method For Controlled Generation Of Polarization Mode Dispersion	01.03.2000
Dinu 2-1-1-49-6-6 (M)	ALU	2002148471	JP4047630	JP	Optical Performance Monitoring Using Optical Autocorrelations	23.05.2002
Dinu 2-1-1-49-6-6 (M)	ALU	10/109623	US7460785	US	Optical Performance Monitoring Using Optical Autocorrelations	28.03.2002
Das 3-5-43 (KP)	ALU	11/735687	US7809002	US	Method And Apparatus For Priority Services Management	16.04.2007
DiGiovanni 46-1 (DJ)	ALU	09/288201	US6363194	US	Optical Fiber Communication System Employing Nd Doped Fiber Amplifier For The 1400 nm Window	08.04.1999
DiGiovanni 46-1 (DJ)	ALU	2000105803	JP4040822	JP	Optical Fiber Communication System Employing Nd Doped Fiber Amplifier For The 1400 nm Window	07.04.2000
DiGiovanni 46-1 (DJ)	ALU	00302571.5	EP1043815	IT	Optical Fiber Communication System Employing Nd Doped Fiber Amplifier For The 1400 nm Window	28.03.2000
DiGiovanni 46-1 (DJ)	ALU	00302571.5	EP1043815	FR	Optical Fiber Communication System Employing Nd Doped Fiber Amplifier For The 1400 nm Window	28.03.2000
DiGiovanni 46-1 (DJ)	ALU	00302571.5	EP1043815	DE	Optical Fiber Communication System Employing Nd Doped Fiber Amplifier For The 1400 nm Window	28.03.2000
DiGiovanni 46-1 (DJ)	ALU	00302571.5	EP1043815	GB	Optical Fiber Communication System Employing Nd Doped Fiber Amplifier For The 1400 nm Window	28.03.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Dimeo 1-19-4-9 (RW)	ALU	09/643647	US7181184	US	Band Edge Amplitude Reduction System And Method	22.08.2000
Dimeo 1-19-4-9 (RW)	ALU	2001251033	JP5409979	JP	Band Edge Amplitude Reduction System And Method	22.08.2001
Dodabalapur 18-1-15-17 (A)	ALU	2000258446	JP5132014	JP	Article Comprising A Plastic Laser	29.08.2000
Dodabalapur 18-1-15-17 (A)	ALU	09/385167	US6363096	US	Article Comprising A Plastic Laser	30.08.1999
DiGiovanni 52-4-1-16 (DJ)	ALU	09/847034	US6542679	US	Method Of Making An Improved Multimode Optical Fiber And Fiber Made By Method	01.05.2001
Das 6-8 (KP)	ALU	12/317900	US8249236	US	Network Call Back To Add Conference Participants And/Or Media Capabilities	30.12.2008
Ding 2-11-4-17-12 (L)	ALU	10/673223	US7471736	US	Frequency Based Modulator Compensation	30.09.2003
Das 19-17-41 (S)	ALU	2007217988	AU2007217988	AU	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	096106364	TWI433482	TW	Methods Of Reverse Link Power Control	16.02.2007
Das 19-17-41 (S)	ALU	MX/a/2008/010457	MX290640	MX	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	2008555322	JP5247473	JP	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	193388	IL193388	IL	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	PI0707775-0		BR	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	2008137035	RU2446573	RU	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	200780005689.5	ZL80005689.5	CN	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	11/356242	US8260340	US	Methods Of Reverse Link Power Control	17.02.2006
Das 19-17-41 (S)	ALU	20087019660	KR101396164	KR	Methods Of Reverse Link Power Control	13.02.2007
Das 19-17-41 (S)	ALU	07750716.8		EP	Methods Of Reverse Link Power Control	13.02.2007
Degani 40-55 (Y)	ALU	09/041157	US6013877	US	Solder Bonding Printed Circuit Boards	12.03.1998
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	10/941050	US7676223	US	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	10/941067	US7499437	US	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	10/941066	US7263371	US	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	04784084.8		EP	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	20077008421	KR101164807	KR	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	2007531148	JP4733703	JP	Base Station Router For Use In A Wireless Communications System	13.09.2004
Degani 40-55 (Y)	ALU	09/067271	US6100475	US	Solder Bonding Printed Circuit Boards	27.04.1998
Degani 40-55 (Y)	ALU	11064124	JP3352970	JP	Solder Bonding Printed Circuit Boards	10.03.1999
Daoud 290-91 (BH)	ALU	09/891629	US6552268	US	Insulation Displacement Connector With A Wire Ejection Feature	25.06.2001
Daoud 292-93 (BH)	ALU	09/884524	US6535681	US	Fiber-Optic Cable Routing And Bend Limiting Device And System	19.06.2001
Davis 1-13 (JP)	ALU	10/637837	US6847493	US	Optical Beamsplitter With Electro-Wetting Actuation	08.08.2003
Davis 1-13 (JP)	ALU	200410056322.4	ZL200410056322.4	CN	Optical Beamsplitter With Electro-Wetting Actuation	06.08.2004
Davis 1-13 (JP)	ALU	2004230148	JP4777624	JP	Optical Beamsplitter With Electro-Wetting Actuation	06.08.2004
Daoud 192 (BH)	ALU	09/391019	US6307999	US	Fiber-Optic Cable Routing And Separating Device	07.09.1999
Daoud 193 (BH)	ALU	09/391020	US6285815	US	High Density Fusion Splice Holder	07.09.1999
Daudelin 10 (DS)	ALU	08/987072	US6072807	US	Searching For Signals To Assign To The Fingers Of A Rake Receiver	09.12.1997
Daudelin 12-20 (DS)	ALU	09/205735	US6314532	US	Method And System For Recovering From A Software Failure	04.12.1998
Daoud 224 (BH)	ALU	09/387572	US6453107	US	Tray Locking Feature For A Fiber Enclosure	31.08.1999
Daoud 225 (BH)	ALU	09/386765	US6275641	US	Fiber Tray Insertion Apparatus And Method	31.08.1999
Daoud 43 (BH)	ALU	09/050510	US5989063	US	Splice Chamber And Connector Assembly For A Building Entrance Protector	30.03.1998
Daoud 235 (BH)	ALU	09/397888	US6259851	US	High Density Fiber Splice Holder	17.09.1999
Dragone 59 (CP)	ALU	09/396861	US6594054	US	Filtering System For Eliminating Dispersion And Method For Doing Same	15.09.1999
Dragone 69 (CP)	ALU	09/805609	US6574396	US	Wavelength Grating Arrangement Using A Segmented Reflector	12.03.2001
Dragone 69 (CP)	ALU	2002052817	JP4115714	JP	Wavelength Grating Arrangement Using A Segmented Reflector	28.02.2002
Dragone 70 (CP)	ALU	10/055587	US6782163	US	Waveguide Grating Arrangement Using A Segmented Reflector	22.01.2002
Dunn 21-1 (JP)	ALU	09/386728	US6580793	US	Method And Apparatus For Echo Cancellation With Self-Deactivation	31.08.1999
Dunn 21-1 (JP)	ALU	00307185.9	EP1104116	FR	Method And Apparatus For Echo Cancellation With Self-Deactivation	21.08.2000
Dunn 21-1 (JP)	ALU	00307185.9	EP1104116	DE	Method And Apparatus For Echo Cancellation With Self-Deactivation	21.08.2000

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Dunn 21-1 (JP)	ALU	00307185.9	EP1104116	GB	Method And Apparatus For Echo Cancellation With Self-Deactivation	21.08.2000
Dunn 21-1 (JP)	ALU	20000050840	KR394291	KR	Method And Apparatus For Echo Cancellation With Self-Deactivation	30.08.2000
Dragone 73 (CP)	ALU	10/421571	US6907160	US	Apparatus For Filtering Optical Signals	23.04.2003
Du 2-12-6-20 (M)	ALU	2002012098	JP3837074	JP	WDM Optical Communication System Using Co-Propagating Raman Amplification	21.01.2002
Du 2-12-6-20 (M)	ALU	09/768689	US6417958	US	WDM Optical Communication System Using Co-Propagating Raman Amplification	24.01.2001
den Bakker 1 (T)	ALU	09/070049	US6359941	US	System And Method For Improved Reference Threshold Setting In A Burst Mode Digital Data Receiver	30.04.1998
Dinu 6-5-13 (M)	ALU	10/838059	US7283744	US	Performance Monitoring Based On Optical Autocorrelation	03.05.2004
Dinu 7-16-74-9-15 (M)	ALU	200680016916.X	ZL200680016916.X	CN	Quantum Key Distribution	25.04.2006
Dinu 7-16-74-9-15 (M)	ALU	11/210941	US7706536	US	Quantum Key Distribution	24.08.2005
Dinu 7-16-74-9-15 (M)	ALU	2008512294	JP5036707	JP	Quantum Key Distribution	25.04.2006
Dinu 7-16-74-9-15 (M)	ALU	200680017099.X	ZL80017099.X	CN	Quantum Key Distribution	25.04.2006
Devine 1-1-5 (JM)	ALU	09/584195	US6452770	US	Power Buss Inhibit Through Data Input/Output Lines	31.05.2000
Devine 2-1-1 (JM)	ALU	10/609111	US7176739	US	Circuit To Improve Data Bus Performance	26.06.2003
Devine 5 (JM)	ALU	11/905251	US7646112	US	Parallel Supply Current Sharing Using Thermal Feedback	28.09.2007
Engelberth 8-1-30-1-33 (JW)	ALU	09/318011	US6144789	US	Temperature Compensating Device For Fiber Gratings And Package Therefor	25.05.1999
Ensor 15-5-9-30-3 (JR)	ALU	12/203582	US9596309	US	Method And Apparatus For Parameterized Promotion And Delivery Of Data	03.09.2008
Doerr 28-48 (CR)	ALU	2000298175	JP4388681	JP	Wavelength Division Add/Drop Multiplexer	29.09.2000
Doerr 28-48 (CR)	ALU	09/408932	US6519059	US	Wavelength Division Add/Drop Multiplexer	30.09.1999
Doerr 31-60-32-56 (CR)	ALU	09/400240	US6549313	US	Broadband Electronic NxN Cross-Connect Switch Using Tunable Lasers	21.09.1999
Ejzak 53-9 (RP)	ALU	12/235680	US8588791	US	A Method For Providing IMS Support For Enterprise PBX Users	23.09.2008
Doerr 47 (CR)	ALU	09/798501	US7330659	US	Wavelength Filter That Operates On Sets Of Wavelength Channels	02.03.2001
Doerr 47 (CR)	ALU	2002050785	JP4832700	JP	Wavelength Filter That Operates On Sets Of Wavelength Channels	27.02.2002
Erman 3-1-2 (B)	ALU	11/756839	US8027264	US	Method And Apparatus For Measuring Subjective Assessment of Digital Video Impairment	01.06.2007
Doerr 56 (CR1)	ALU	10/387667	US6836600	US	Optical Coupler With Low Loss Interconnections	13.03.2003
Doerr 57 (CR)	ALU	10/245666	US6892021	US	Dynamic Gain Equalization Arrangement For Optical Signals	17.09.2002
Doerr 61-4-6-6 (CR)	ALU	10/228800	US7437075	US	Integrated Reconfigurable Optical Add/Drop Multiplexer	27.08.2002
Doerr 63 (CR)	ALU	10/387620	US7006730	US	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	13.03.2003
Doerr 63 (CR)	ALU	03808939.4	ZL03808939.4	CN	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	2479178	CA2479178	CA	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	03744663.0		EP	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Ejzak 47-10 (RP)	ALU	11/141956	US7639669	US	Controlling Communication Path Reservations In A Packet Network With Non-Homogeneous Nodes	01.06.2005
Doerr 63 (CR)	ALU	20047014551	KR100990626	KR	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	2003577007	JP4359149	JP	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	2634293	CA2634293	CA	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Dorrer 1-2 (CJ)	ALU	10/338355	US6856927	US	Method And Apparatus For The Characterization Of Optical Pulses And Modulators	08.01.2003
Dorrer 10-30 (CJ)	ALU	10/835023	US7336728	US	Method And Apparatus For Monitoring Phase-Shift Keyed Optical Signals	29.04.2004
Dorrer 11 (CJ)	ALU	10/949145	US7385706	US	Method And Apparatus For Determining The Nonlinear Properties Of Devices And Fibers	24.09.2004
Dorrer 14-8 (CJ)	ALU	11/067777	US7126739	US	Method And Apparatus For Optical Pulse Characterization Using Simplified Chronocyclic Tomography	28.02.2005
Dorrer 15 (CJ)	ALU	11/129244	US7298489	US	Method And Apparatus For Characterizing The Electric Field Of Periodic And Non-Periodic Optical Sources	13.05.2005
Dorrer 19 (CJ)	ALU	11/206622	US7609385	US	Method And Apparatus For Characterization Of The Response Of Optical Devices	18.08.2005
Dorrer 20 (CJ)	ALU	11/227051	US7298465	US	Measurement And Characterization Of Nonlinear Phase Shifts	15.09.2005

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Doerr 126 (CR)	ALU	11/690822	US7706648	US	Tunable Optical Dispersion Compensating Apparatus	24.03.2007
Doerr 129 (CR)	ALU	11/943949	US7403682	US	Dispersion Compensation Apparatus	21.11.2007
Doshi 33-17-10 (BT)	ALU	09/026830	US6219339	US	Method And Apparatus For Selectively Discarding Packets	20.02.1998
Doerr 97 (CR)	ALU	11/089640	US7302137	US	Optical Coupler Apparatus And Method	25.03.2005
Dominique 4-31-2-10 (F)	ALU	10/298551	US7499433	US	Method And Apparatus For DTX Frame Detection	19.11.2002
Dorrer 22-27 (CJ)	ALU	11/245760	US7321454	US	Apparatus For Modulating One Or Both Of Spectral Phase And Amplitude Of An Optical Signal	07.10.2005
Dominique 10-7-2 (F)	ALU	10/844803	US7376208	US	Reception Method For Packetized Information With Automatic Repeat Request	13.05.2004
Dominique 10-7-2 (F)	ALU	05252782.7	EP1596523	FR	Reception Method For Packetized Information With Automatic Repeat Request	06.05.2005
Dorrer 23 (CJ)	ALU	11/322613	US7411683	US	Electric Field Measurement Of Optical Waveforms	30.12.2005
Dorrer 4-4 (CJ)	ALU	10/439828	US7006230	US	Interferometric Method And Apparatus For The Characterization Of Optical Pulses	16.05.2003
Dorrer 5 (CJ)	ALU	10/629379	US7023556	US	Method And Apparatus For Measurement Of Group Delay	28.07.2003
Dorrer 6-6 (CJ)	ALU	10/766977	US7068411	US	Method And Apparatus For Optical Sampling	29.01.2004
Dorrer 7 (CJ)	ALU	10/783305	US7133135	US	Method And Apparatus For The Direct Characterization Of The Phase Of An Optical Signal	20.02.2004
Dominique 10-7-2 (F)	ALU	05252782.7	EP1596523	DE	Reception Method For Packetized Information With Automatic Repeat Request	06.05.2005
Dominique 10-7-2 (F)	ALU	05252782.7	EP1596523	GB	Reception Method For Packetized Information With Automatic Repeat Request	06.05.2005
Doerr 131-31 (CR)	ALU	12/006194	US7636501	US	Compact 16 QAM Optical Modulator	31.12.2007
Doerr 99-14 (CR)	ALU	11/073009	US7174063	US	Colorless Tunable Dispersion Compensator Employing A Planar Lightwave Circuit And A Deformable Mirror	04.03.2005
Duncan 1-39-32-1-38-7-1 (T)	ALU	08/925876	US5953331	US	Wireless Packet System For Efficient Wide Area Bandwidth Utilization	09.09.1997
Dominique 15-4 (F)	ALU	11/094439	US7532685	US	Methods Of Controlling Tracker Bandwidth In Wireless Communication Systems	31.03.2005
Doerr 136 (CR)	ALU	12/184889	US7903913	US	360-Degree Star Coupler	01.08.2008
Doerr 138 (CR)	ALU	12/194352	US8131120	US	Planar Polarization Splitter	19.08.2008
Doerr 105 (CR)	ALU	11/163422	US7433560	US	Rectangular-Passband Multiplexer	18.10.2005
Doerr 105 (CR)	ALU	1777/CHENP/2008	IN278150	IN	Rectangular-Passband Multiplexer	18.10.2006
Doerr 105 (CR)	ALU	2008536760	JP5106405	JP	Rectangular-Passband Multiplexer	18.10.2006
Dominique 19-15-9 (F)	ALU	11/139693	US8965440	US	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	31.05.2005
Dominique 19-15-9 (F)	ALU	20077027919	KR101228234	KR	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	05.05.2006
Dominique 19-15-9 (F)	ALU	2008514662	JP5004951	JP	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	05.05.2006
Dominique 21-17 (F)	ALU	11/179576	US7929499	US	Methods Of Multipath Acquisition For Dedicated Traffic Channels	13.07.2005
Doerr 143 (CR)	ALU	12/407996	US8208817	US	High Speed Optical Modulation Using A Quantum-Well Modulator	20.03.2009
Doerr 145 (CR)	ALU	12/383159	US8280254	US	Optical Interleavers And De-Interleavers	20.03.2009
Doerr 79 (CR)	ALU	10/664340	US6941045	US	Tunable Dispersion Compensator	17.09.2003
Doerr 79 (CR)	ALU	04255426.1	EP1517462	FR	Tunable Dispersion Compensator	07.09.2004
Doerr 79 (CR)	ALU	04255426.1	EP1517462	DE	Tunable Dispersion Compensator	07.09.2004
Doerr 79 (CR)	ALU	04255426.1	EP1517462	GB	Tunable Dispersion Compensator	07.09.2004
Doerr 79 (CR)	ALU	200410079749.6	ZL200410079749.6	CN	Tunable Dispersion Compensator	16.09.2004
Doerr 79 (CR)	ALU	10/760516	US6961492	US	Tunable Dispersion Compensator	20.01.2004
Doerr 79 (CR)	ALU	2004270628	JP4559171	JP	Tunable Dispersion Compensator	17.09.2004
Doerr 82-8-11 (CR)	ALU	10/782003	US7042629	US	Linear Optical Sampling Method And Apparatus	19.02.2004
Dombkowski 6-27 (KE)	ALU	01130507.X	ZL01130507.X	CN	Line Card And Method For Supporting POTS, Asymmetric DSL And Symmetric DSL Services	15.11.2001
Dombkowski 6-27 (KE)	ALU	09/713745	US6898280	US	Line Card And Method For Supporting POTS, Asymmetric DSL And Symmetric DSL Services	15.11.2000
Dombkowski 6-27 (KE)	ALU	2001348930	JP4377094	JP	Line Card And Method For Supporting POTS, Asymmetric DSL And Symmetric DSL Services	14.11.2001
Dominique 26-22-10 (F)	ALU	11/194629	US7403745	US	Channel Quality Predictor And Method Of Estimating A Channel Condition In A Wireless Communications Network	02.08.2005
Feder 26-2 (PM)	ALU	200880023680.1	ZL200880023680.1	CN	Web-Based Over-The-Air Activation	01.07.2008
Faryar 10-5-10 (AF)	ALU	2001211091	JP4762445	JP	Methods And Apparatus For Nearly Lossless-Concatenated Block Transform Coding	11.07.2001

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Faryar 6-1-5-2 (AF)	ALU	09/326874	US6363113	US	Methods And Apparatus For Context-Based Perceptual Quantization	07.06.1999
Faryar 7-2-6 (AF)	ALU	09/326873	US6289052	US	Methods And Apparatus for Motion Estimation Using Causal Templates	07.06.1999
Faryar 9-4-8 (AF)	ALU	2000169846	JP4077135	JP	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	07.06.2000
Faryar 9-4-8 (AF)	ALU	00304632.3	EP1059812	DE	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	31.05.2000
Faryar 9-4-8 (AF)	ALU	00304632.3	EP1059812	GB	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	31.05.2000
Fatehi 24-1-1 (MT)	ALU	09/067909	US6317255	US	A Method And Apparatus For Controlling Optical Signal Power In Response To Faults In An Optical Fiber Path	28.04.1998
Feldman 12-1-1-9 (RD)	ALU	10/853836	US7161734	US	Method And Apparatus For Controlling Power Transients In An Optical Communication System	26.05.2004
Faryar 9-4-8 (AF)	ALU	00304632.3	EP1059812	FR	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	31.05.2000
Faryar 9-4-8 (AF)	ALU	09/326872	US6625215	US	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	07.06.1999
Fatehi 27-3 (MT)	ALU	09/336543	US6519064	US	Scalable Add/Drop Architecture For Lightwave Communication Systems	19.06.1999
Faynberg 4-6-1-1 (I)	ALU	05251007.0	EP1575228	FR	Prevention Of Spoofing Of The Sender In E-Mail By Direct Authentication Of The Message	22.02.2005
Faynberg 4-6-1-1 (I)	ALU	05251007.0	EP1575228	DE	Prevention Of Spoofing Of The Sender In E-Mail By Direct Authentication Of The Message	22.02.2005
Faynberg 4-6-1-1 (I)	ALU	05251007.0	EP1575228	GB	Prevention Of Spoofing Of The Sender In E-Mail By Direct Authentication Of The Message	22.02.2005
Faynberg 4-6-1-1 (I)	ALU	10/835146	US7752440	US	Prevention Of Spoofing Of The Sender In E-Mail By Direct Authentication Of The Message	29.04.2004
Faynberg 4-6-1-1 (I)	ALU	20050018915	KR1109817	KR	Prevention Of Spoofing Of The Sender In E-Mail By Direct Authentication Of The Message	08.03.2005
Faynberg 4-6-1-1 (I)	ALU	200510053073.8	ZL10053073.8	CN	Prevention Of Spoofing Of The Sender In E-Mail By Direct Authentication Of The Message	07.03.2005
Feder 26-2 (PM)	ALU	11/826937	US8516136	US	Web-Based Over-The-Air Activation	19.07.2007
Feder 26-2 (PM)	ALU	08779915.1		EP	Web-Based Over-The-Air Activation	01.07.2008
Faryar 10-5-10 (AF)	ALU	09/615565	US6909812	US	Methods And Apparatus For Nearly Lossless-Concatenated Block Transform Coding	13.07.2000
Faryar 10-5-10 (AF)	ALU	01304498.7	EP1173027	DE	Methods And Apparatus For Nearly Lossless-Concatenated Block Transform Coding	22.05.2001
Faryar 10-5-10 (AF)	ALU	01304498.7	EP1173027	GB	Methods And Apparatus For Nearly Lossless-Concatenated Block Transform Coding	22.05.2001
Faryar 10-5-10 (AF)	ALU	01304498.7	EP1173027	FR	Methods And Apparatus For Nearly Lossless-Concatenated Block Transform Coding	22.05.2001
Eckberg 3 (AE)	ALU	10/136840	US7496086	US	Techniques For Jitter Buffer Delay Management	30.04.2002
Dziong 8-25-16-32 (ZM)	ALU	10/673382	US7451340	US	Shared Mesh Network Protection	26.09.2003
Dziong 8-25-16-32 (ZM)	ALU	10/673381	US8296407	US	Shared Mesh Network Protection	26.09.2003
Dziong 8-25-16-32 (ZM)	ALU	10/673383	US7689693	US	Shared Mesh Network Protection	26.09.2003
Duttweiler 29 (DL)	ALU	09/393948	US6813352	US	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	10.09.1999
Dziong 8-25-16-32 (ZM)	ALU	10/639728	US7606237	US	Shared Mesh Network Protection	12.08.2003
Eckl 13-7 (WF)	ALU	10/953892	US7810057	US	Characterizing Linearity Of Amplifiers	29.09.2004
Eckl 8-20-3 (WF)	ALU	10/601815	US7155182	US	Varactor With Extended Tuning Range	23.06.2003
Einstein 6-2 (DS)	ALU	10/320065	US6906804	US	WDM Channel Monitor And Wavelength Locker	16.12.2002
Edmon 3-5-18 (EL)	ALU	10/036272	US6813277	US	Method and Apparatus Enabling Multiple Access on a Broadband Communication Network	26.12.2001
Ford 23 (JE)	ALU	09/036610	US6304694	US	Method And Device For Aligning Optical Fibers In An Optical Fiber Array	07.03.1998
Ford 39-74-10-57 (JE)	ALU	09/332677	US6631246	US	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	14.06.1999
Ford 39-74-10-57 (JE)	ALU	00304794.1	EP1061674	DE	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	06.06.2000
Ford 39-74-10-57 (JE)	ALU	00304794.1	EP1061674	GB	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	06.06.2000
Ford 39-74-10-57 (JE)	ALU	00304794.1	EP1061674	FR	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	06.06.2000
Ford 39-74-10-57 (JE)	ALU	2000178073	JP4689791	JP	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	14.06.2000
Ford 41-1 (JE)	ALU	09/375305	US6337935	US	Dispersed Image Inverting Optical Wavelength Multiplexer	16.08.1999

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Fleming 38 (JW)	ALU	09/141440	US6041623	US	Process For Fabricating Article Comprising Refractory Dielectic Body	27.08.1998
Florkey 11-4 (C)	ALU	10/697484	US7107047	US	Employment Of Established Telephone Number Of Mobile Device Supported By Serving Mobile Switching Center To Connect A Call To The Mobile Device	29.10.2003
Espindola 12-10-15 (RP)	ALU	269675/1999	JP3521124	JP	Tapered Optical Fiber Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	24.09.1999
Espindola 12-10-15 (RP)	ALU	09/159705	US6115519	US	Tapered Optical Fiber Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	24.09.1998
Espindola 13-18-6 (RP)	ALU	09/159435	US6111999	US	Fiber Device Having Variable Refractive Index Region Proximal The Core	24.09.1998
Everett 1-1 (MW)	ALU	11/128641	US7660745	US	Methods And Apparatus For Management And Negotiation Of Prices Of Goods Purchased From A Vendor	13.05.2005
Everett 2-2 (MW)	ALU	11/128640	US8204777	US	Methods And Apparatus For Management And Analysis Of Costs And Savings	13.05.2005
Espindola 20-11-19 (RP)	ALU	269670/1999	JP3779846	JP	Tapered Optical Fiber Grating Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	24.09.1999
Espindola 20-11-19 (RP)	ALU	99307277.6	EP0989426	IT	Tapered Optical Fiber Grating Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 20-11-19 (RP)	ALU	99307277.6	EP0989426	FR	Tapered Optical Fiber Grating Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 20-11-19 (RP)	ALU	99307277.6	EP0989426	DE	Tapered Optical Fiber Grating Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 20-11-19 (RP)	ALU	99307277.6	EP0989426	GB	Tapered Optical Fiber Grating Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 20-11-19 (RP)	ALU	09/152893	US6301408	US	Tapered Optical Fiber Grating Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	24.09.1998
Espindola 22-20-7 (RP)	ALU	09/160779	US6151438	US	Fiber Device Having Variable Refractive Index Region Proximal The Core	24.09.1998
Espindola 22-20-7 (RP)	ALU	H11267385	JP3649321	JP	Fiber Device Having Variable Refractive Index Region Proximal The Core	21.09.1999
Espindola 22-20-7 (RP)	ALU	99307247.9	EP0989425	DE	Fiber Device Having Variable Refractive Index Region Proximal The Core	14.09.1999
Espindola 22-20-7 (RP)	ALU	99307247.9	EP0989425	GB	Fiber Device Having Variable Refractive Index Region Proximal The Core	14.09.1999
Feder 20-6 (PM)	ALU	200780002884.2	ZL200780002884.2	CN	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	10-2008-7018332	KR101368357	KR	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	2008552317	JP5172704	JP	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	3671/CHENP/2008		IN	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	11/339197	US9204420	US	QoS-Aware Paging In A Wireless Communication System	25.01.2006
Feder 21-7-18-17-25 (PM)	ALU	11/351805	US7839815	US	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	10.02.2006
Feder 21-7-18-17-25 (PM)	ALU	MX/a/2008/09996	MX289118	MX	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	4047/CHENP/2008	IN284533	IN	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	200780004738.3	ZL200780004738.3	CN	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	2008554295	JP4960388	JP	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	PI0707487-5		BR	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	2007215477	AU2007215477	AU	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Espindola 22-20-7 (RP)	ALU	99307247.9	EP0989425	IT	Fiber Device Having Variable Refractive Index Region Proximal The Core	14.09.1999
Espindola 22-20-7 (RP)	ALU	99307247.9	EP0989425	FR	Fiber Device Having Variable Refractive Index Region Proximal The Core	14.09.1999
Espindola 23-25-21-12 (RP)	ALU	11331301	JP3771403	JP	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	22.11.1999
Espindola 23-25-21-12 (RP)	ALU	99308905.1	EP1003253	GB	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	09.11.1999
Espindola 23-25-21-12 (RP)	ALU	99308905.1	EP1003253	FR	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	09.11.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Espindola 23-25-21-12 (RP)	ALU	99308905.1	EP1003253	DE	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	09.11.1999
Espindola 23-25-21-12 (RP)	ALU	09/197396	US6049414	US	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	20.11.1998
Feder 21-7-18-17-25 (PM)	ALU	193275	IL193275	IL	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	20087019341	KR101342416	KR	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	07749997.8		EP	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	2008136070	RU2449498	RU	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Essiambre 1-3-6 (R)	ALU	09/372486	US6606176	US	Modulation Format With Low Sensitivity To Fiber Nonlinearity	12.08.1999
Evans 5-1-1-1 (JJ)	ALU	10/852270	US6978075	US	Cable Protector For Central Office Cable Rack	24.05.2004
Essiambre 14-1-20 (R)	ALU	11/306174	US7474860	US	Optimum Sample Spacing In Over-Sampled Maximum Likelihood Sequence Estimation Receivers	19.12.2005
Essiambre 2 (R)	ALU	09/345513	US6583907	US	Optical Communications System And Method Of Operation For Performance Recovery By Post-Transmission Dispersion Compensation	01.07.1999
Essiambre 20-4-33-21 (R)	ALU	12/316389	US9374188	US	Time-Interleaved Polarization-Division-Multiplexed Transmission Systems And Transmitters	12.12.2008
Fried 1-5-2 (J)	ALU	09/408771	US6735192	US	Method And Apparatus For Dynamically Varying A Packet Delay In A Packet Network Based On A Log-Normal Delay Distribution	29.09.1999
Frigo 8 (NJ)	ALU	08/940755	US6118565	US	Coherent Optical Communication System	30.09.1997
Fishman 16-4 (DA)	ALU	10/464726	US7202995	US	Method And Apparatus For Communicating Status In A Lightwave Communication System Employing Optical Amplifiers	18.06.2003
Fishman 18-32-19-1 (DA)	ALU	05255876.4	EP1643668	FR	Method And Apparatus For Dispersion Management In Optical Communication Systems	22.09.2005
Fishman 18-32-19-1 (DA)	ALU	05255876.4	EP1643668	DE	Method And Apparatus For Dispersion Management In Optical Communication Systems	22.09.2005
Fishman 18-32-19-1 (DA)	ALU	05255876.4	EP1643668	GB	Method And Apparatus For Dispersion Management In Optical Communication Systems	22.09.2005
Fingerman 1-1-1 (AW)	ALU	09/440434	US7143430	US	Method And Apparatus For Remote Audiovisual Signal Recording Service	15.11.1999
Fischer 17-1 (G)	ALU	01308075.9	EP1296464	GB	Fast Power Control For Existing User Equipment Of A Wireless Communication Network	24.09.2001
Fischer 34 (G)	ALU	11/055137	US7593696	US	A Tunable Radio Frequency Filter	10.02.2005
Fischer 17-1 (G)	ALU	01308075.9	EP1296464	FR	Fast Power Control For Existing User Equipment Of A Wireless Communication Network	24.09.2001
Fischer 17-1 (G)	ALU	01308075.9	EP1296464	DE	Fast Power Control For Existing User Equipment Of A Wireless Communication Network	24.09.2001
Fingerman 1-1-1 (AW)	ALU	2000348656	JP4762410	JP	Method And Apparatus For Remote Audiovisual Signal Recording Service	15.11.2000
Fink 3-3-3 (PE)	ALU	09/384116	US6941361	US	Method And Apparatus For Obtaining Inventory And User Information For A Remote Computer Device	26.08.1999
Fischer 39-1 (G)	ALU	11/646625	US7619469	US	Current Switched Circuit For Switch Mode Power Amplifiers	28.12.2006
Foschini 15-1 (GJ)	ALU	10/005650	US7006795	US	Wireless Communication System With Interference Compensation	05.12.2001
Freiberg 17-4 (LF)	ALU	99305516.9	EP1069798	FR	Universal Mobile Telephone System Network With Improved Rate Matching Method	12.07.1999
Freiberg 17-4 (LF)	ALU	99305516.9	EP1069798	DE	Universal Mobile Telephone System Network With Improved Rate Matching Method	12.07.1999
Freiberg 17-4 (LF)	ALU	99305516.9	EP1069798	GB	Universal Mobile Telephone System Network With Improved Rate Matching Method	12.07.1999
Freiberg 17-4 (LF)	ALU	09/611010	US6788657	US	Universal Mobile Telephone System Network With Improved Rate Matching Method	06.07.2000
Foschini 16-2 (GJ)	ALU	10/005506	US6937843	US	Wireless Communication System With Interference Compensation	05.12.2001
Foschini 18 (GJ)	ALU	10/245233	US7349438	US	Formatter, Method Of Formatting Encoded Symbols And Wireless Communication System Employing The Same	17.09.2002
Garay 13-4-24 (JA)	ALU	12/229987	US8452984	US	Message Authentication Code Pre-Computation With Application To Secure Memory	28.08.2008
Garay 13-4-24 (JA)	ALU	20117004620	KR101324825	KR	Message Authentication Code Pre-Computation With Application To Secure Memory	25.08.2009
Gadgil 1-1-5-10 (SM)	ALU	10/761060	US7058424	US	Method And Apparatus For Interconnecting Wireless And Wireline Networks	20.01.2004
Gandhi 15-2-9 (AD)	ALU	10/953552	US7489901	US	Method For Dynamically Estimating Noise Floor And Rise Over Thermal (ROT)	30.09.2004
Gabler 4-1 (K)	ALU	11/175907	US7471944	US	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	06.07.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Gabler 4-1 (K)	ALU	2008520311	JP5361379	JP	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
Gabler 4-1 (K)	ALU	200680024555.3	ZL200680024555.3	CN	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
Gabler 4-1 (K)	ALU	20087000321	KR101249111	KR	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
Gabler 4-1 (K)	ALU	12/CHENP/2008	IN272035	IN	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
Ganguly 2-15-55-58 (S)	ALU	10/954901	US7669241	US	Streaming Algorithms For Robust, Real-Time Detection Of DDoS Attacks	30.09.2004
Gabara 71-9 (TJ)	ALU	20010028603	KR750820	KR	Control Technique For A Communication System	24.05.2001
Gabara 71-9 (TJ)	ALU	01119185.6	ZL01119185.6	CN	Control Technique For A Communication System	23.05.2001
Gabara 71-9 (TJ)	ALU	09/576999	US6950678	US	Control Technique For A Communication System	24.05.2000
Gabara 71-9 (TJ)	ALU	2001141358	JP5153037	JP	Control Technique For A Communication System	11.05.2001
Gannon 2 (JR)	ALU	09/511038	US6344748	US	Coaxial Cable Connector Testing Methods And Apparatus	23.02.2000
Garay 13-4-24 (JA)	ALU	200980133393.0	ZL200980133393.0	CN	Message Authentication Code Pre-Computation With Application To Secure Memory	25.08.2009
Garay 13-4-24 (JA)	ALU	2011524982	JP5306465	JP	Message Authentication Code Pre-Computation With Application To Secure Memory	25.08.2009
Garay 13-4-24 (JA)	ALU	09789201.2		EP	Message Authentication Code Pre-Computation With Application To Secure Memory	25.08.2009
Gill 21-14-5 (DM)	ALU	11/428031	US7561759	US	Optical Modulator	30.06.2006
Gill 21-14-5 (DM)	ALU	20087031772	KR101018921	KR	Optical Modulator	13.02.2007
Gill 26-4-17-10-8 (DM)	ALU	2009551977	JP5551446	JP	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	11/681070	US7672553	US	A High Speed Semiconductor Optical Modulator	01.03.2007
Gill 26-4-17-10-8 (DM)	ALU	5536/DELNP/2009		IN	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	20097018204	KR101158969	KR	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	200780051941.6	ZL200780051941.6	CN	A High Speed Semiconductor Optical Modulator	30.10.2007
Glas 4-1-7 (J)	ALU	2000616116	JP3533182	JP	Method And Apparatus For Modulating Digital Data	03.05.2000
Glas 4-1-7 (J)	ALU	09/304639	US6560296	US	Method And Apparatus For Modulating Digital Data	04.05.1999
Ginzburg 1-4 (AY)	ALU	08/956722	US6078919	US	Method And Apparatus For Delivery Of Data Over A Network Based On Determination Of Network Parameters	23.10.1997
Gill 31-22 (DM)	ALU	12/270253	US8041158	US	Multithickness Layered Electronic-Photonic Devices	13.11.2008
Gill 32 (DM)	ALU	12/351282	US8049950	US	Tunable And Zero-Chirp Pulse Generator Using Plasma Dispersion Phase Modulator	09.01.2009
Gill 16-30 (DM)	ALU	10/874594	US7002724	US	Apparatus And Method For Generating A 90degree Alternate Phase Optical Pulsetrain	23.06.2004
Gill 18-39 (DM)	ALU	11/025436	US7133191	US	Optical Equalization	29.12.2004
Gill 7-5-6 (DM)	ALU	10/099105	US7277647	US	System And Method Of Optical Transmission	14.03.2002
Gill 8-6-7 (DM)	ALU	10/099077	US7277645	US	High-Bit-Rate Long-Haul Fiber Optic Communication System Techniques And Arrangements	14.03.2002
Garland 42-49-3-13 (SM)	ALU	09/520861	US6975862	US	Wireless Telemetering Access	07.03.2000
Garland 46-9 (SM)	ALU	01305718.7	EP1213902	GB	Telecommunications Call Processing Using Externally-Assigned Subscriber Characteristics	02.07.2001
Garland 46-9 (SM)	ALU	01305718.7	EP1213902	FR	Telecommunications Call Processing Using Externally-Assigned Subscriber Characteristics	02.07.2001
Garland 46-9 (SM)	ALU	01305718.7	EP1213902	DE	Telecommunications Call Processing Using Externally-Assigned Subscriber Characteristics	02.07.2001
Gao 2 (M)	ALU	2009522816	JP4977757	JP	Access Network Broadcast Control-Signaling Channel	27.07.2007
Gao 2 (M)	ALU	11/496942	US8005471	US	Access Network Broadcast Control-Signaling Channel	31.07.2006
Gao 2 (M)	ALU	421/CHENP/2009		IN	Access Network Broadcast Control-Signaling Channel	27.07.2007
Gao 2 (M)	ALU	20097001532	KR101073621	KR	Access Network Broadcast Control-Signaling Channel	27.07.2007
Gao 2 (M)	ALU	200780028390.1	ZL200780028390.1	CN	Access Network Broadcast Control-Signaling Channel	27.07.2007
Hu 19 (T)	ALU	05251547.5		EP	Method of Stall Identification And Recovery	15.03.2005
Garcia 2-2-2-13 (H)	ALU	10/128939	US7206522	US	Dynamic Measurement Of And Compensation For Impairments To Optical Data Communication Pulses	24.04.2002
Garner 7-1-6 (WJ)	ALU	08/990852	US6035192	US	Mobile Telephony Standards Converter	15.12.1997
Garofalakis 2-1-13-33 (MN)	ALU	08/966095	US6330609	US	Admission Control System And Method For Media-On-Demand Servers	07.11.1997
Garland 46-9 (SM)	ALU	09/732405	US6819925	US	Telecommunications Call Processing Using Externally-Assigned Subscriber Characteristics	07.12.2000
Gehlot 33-30 (NL)	ALU	10/055051	US6822568	US	Space Area Network	23.01.2002
Gehlot 34-31 (NL)	ALU	10/055471	US6812840	US	Object Area Network	23.01.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Garceran 2-12-20 (JA)	ALU	09/784846	US6944238	US	Digital Transmitter System And Method	16.02.2001
Garceran 2-12-20 (JA)	ALU	02250556.4	EP1233507	GB	Digital Transmitter System And Method	28.01.2002
Garceran 2-12-20 (JA)	ALU	02250556.4	EP1233507	FR	Digital Transmitter System And Method	28.01.2002
Garceran 2-12-20 (JA)	ALU	02250556.4	EP1233507	DE	Digital Transmitter System And Method	28.01.2002
Garceran 2-12-20 (JA)	ALU	20020006978	KR470255	KR	Digital Transmitter System And Method	07.02.2002
Garceran 2-12-20 (JA)	ALU	2002036400	JP4018406	JP	Digital Transmitter System And Method	14.02.2002
Gouthama 1-21-9-1-4-22 (S)	ALU	11/405745	US7720474	US	A Method And Apparatus For Call Delivery	18.04.2006
Goss 1 (J)	ALU	11/024180	US7454164	US	Providing A Multimedia Message With A Multimedia Messaging Service Message In A Mobile Environment	28.12.2004
Graybeal 4-17 (JM)	ALU	MX/a/2010/007494	MX310731	MX	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Goss 16-12-22-6-5-6-18-11-13 (SC)	ALU	09/882697	US7013129	US	Queuing For Radio Channel Availability	14.06.2001
Gopinathan 2-1-4 (V)	ALU	09/273180	US6211722	US	Low-Voltage High-Speed Multiplexer and Latch	19.03.1999
Gopinathan 4-1-9-6 (V)	ALU	09/343228	US6188291	US	Injection Locked Multi-Phase Signal Generator	30.06.1999
Gradl 7-12 (DA)	ALU	09/322827	US6381269	US	Test System with Signal Injection Network for Characterizing Interference and Noise Tolerance in a Digital Signal Link	28.05.1999
Goss 4 (SC)	ALU	09/399304	US7330693	US	Broadcast Channels For Wireless Telephony	17.09.1999
Goss 6 (SC)	ALU	09/382419	US6320534	US	A Location Based Personal Telephone Routing System	24.08.1999
Gorrepati 1-4 (PB)	ALU	09/398589	US6526033	US	Delivering Calls To GSM Subscribers Roaming To CDMA Networks Via IP Tunnels	17.09.1999
Gorrepati 2-5 (PB)	ALU	09/398591	US6526390	US	Independent Billing Settlement For Call Origination By Wireless Subscribers Roaming To Foreign Wireless Networks	17.09.1999
Gorrepati 3-6 (PB)	ALU	09/398844	US6493551	US	GSM MoU Bypass For Delivering Calls To GSM Subscribers Roaming To Networks	17.09.1999
Gerogiokas 1 (M)	ALU	09/854850	US6795716	US	System And Method Of Operating A Wireless Base Station With Quantized Use Of Transmitter Power	14.05.2001
Graybeal 4-17 (JM)	ALU	11/972906	US9537566	US	Realizing FDD Capability By Leveraging Existing TDD Technology	11.01.2008
Graybeal 4-17 (JM)	ALU	2009204500	AU2009204500	AU	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	20107017517	KR101226043	KR	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	98100174	TWI472181	TW	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	4085/CHENP/2010		IN	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	2010133490	RU2464709	RU	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	2010542263	JP5319701	JP	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	200980101868.8	ZL200980101868.8	CN	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	PI0906974-7		BR	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Gerdisch 2-31 (MR)	ALU	10/306511	US7307945	US	Methods For Providing A Reliable Server Architecture Using A Multicast Topology In A Communications Network	27.11.2002
Gordon 8-18-46-6 (JP)	ALU	10/306264	US6768541	US	Polarization Mode Dispersion Measurement	27.11.2002
Gordon 8-18-46-6 (JP)	ALU	09/520537	US6519027	US	Polarization Mode Dispersion Measurement	08.03.2000
Gruhl 13-19 (S)	ALU	10/620894	US7480243	US	Packet Ordering Method And Apparatus In A Mobile Communication Network Employing Hierarchical Routing With Data Packet Forwarding	16.07.2003
Guo 10-6-34-11 (KH)	ALU	10/789585	US7584248	US	Apparatus And Method For Fair Message Exchanges In Distributed Multi-Player Games	27.02.2004
Gupta 3-1-7 (P)	ALU	10/876808	US8027327	US	Distributed Scheduling In Wireless Networks With Service Differentiation	25.06.2004
Gupta 3-1-7 (P)	ALU	200550201	JP4744160	JP	Distributed Scheduling In Wireless Networks With Service Differentiation	25.02.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Gupta 3-1-7 (P)	ALU	200510050958.2	ZL10050958.2	CN	Distributed Scheduling In Wireless Networks With Service Differentiation	24.02.2005
Haleem 1-22 (MA)	ALU	08/911693	US6055432	US	Dynamic Channel Allocation Macrocells With Random Exclusion For Allowing Underlaying Autonomous Microcells	15.08.1997
Haleem 2-24 (MA)	ALU	08/911694	US6047190	US	Dynamic Channel Allocation In Macrocells With Deterministic Exclusion For Allowing Underlaying Autonomous Microcells	15.08.1997
Haimi-Cohen 15 (R)	ALU	12/327400	US8806551	US	Prioritized Retransmission Of Internet Protocol Television (IPTV) Packets	03.12.2008
Haimi-Cohen 16-4 (R)	ALU	20117026857	KR101286830	KR	Fast Channel Change Handling Of Late Multicast Join	29.04.2010
Guo 15-5 (KH)	ALU	11/316150	US8856310	US	ACORN: Providing Network-Level Security In P2P Overlay Architectures	22.12.2005
Guo 16-83-66 (KH)	ALU	11/396230	US8612619	US	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	31.03.2006
Guo 16-83-66 (KH)	ALU	200780011809.2	ZL200780011809.2	CN	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Guo 16-83-66 (KH)	ALU	2009502845	JP5498157	JP	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Guo 16-83-66 (KH)	ALU	20087024011	KR101397854	KR	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Guo 19-86-69 (KH)	ALU	11/396269	US7738476	US	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	31.03.2006
Haalen 2-6-5-1-1 (Rv)	ALU	10/780509	US7636774	US	Method And Apparatus For Rebooting Network Bridges	17.02.2004
Hacena 3-1 (F)	ALU	10/785602	US7215963	US	Wireless Communication Network For Processing Call Traffic Over A Backhaul Network	24.02.2004
Hacena 4 (F)	ALU	200980103117.X	ZL200980103117.X	CN	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	22.01.2009
Hadzic 6-5 (I)	ALU	11/093638	US7672416	US	High-Speed Serial Transceiver With Sub-Nominal Rate Operating Mode	30.03.2005
Hagerman 6 (WE)	ALU	10/331868	US6752551	US	Vertically Expandable Keyboard	30.12.2002
Guo 21-88-71 (KH)	ALU	07838215.7		EP	Method And Apparatus For A Zooming Feature For Mobile Video Service	14.09.2007
Guo 21-88-71 (KH)	ALU	20097006297	KR101036737	KR	Method And Apparatus For A Zooming Feature For Mobile Video Service	14.09.2007
Guo 21-88-71 (KH)	ALU	200780035375.X	ZL200780035375.X	CN	Method And Apparatus For A Zooming Feature For Mobile Video Service	14.09.2007
Guo 21-88-71 (KH)	ALU	2009530361	JP5026523	JP	Method And Apparatus For A Zooming Feature For Mobile Video Service	14.09.2007
Greywall 26 (DS)	ALU	10/261087	US6924581	US	Split Spring Providing Multiple Electrical Leads For MEMS Devices	30.09.2002
Greywall 26 (DS)	ALU	11/052256	US7015620	US	Split Spring Providing Multiple Electrical Leads For MEMS Devices	07.02.2005
Hacena 4 (F)	ALU	4612/CHENP/2010		IN	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	22.01.2009
Hacena 4 (F)	ALU	20107018953	KR101178440	KR	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	22.01.2009
Hacena 4 (F)	ALU	12/021163	US8054822	US	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	28.01.2008
Haalen 6-8 (Rv)	ALU	11/239757	US8743693	US	Method For Dynamically Adjusting Token Bucket Sizes	30.09.2005
Haalen 7-9 (Rv)	ALU	11/239737	US7701853	US	Method For Policing-Based Adjustments To Transmission Window Size	30.09.2005
Hagirahim 11-8 (H)	ALU	09/841541	US7492733	US	Method Of Transmitting Packets In A Mobile 3G Network System	24.04.2001
Hagirahim 7-6 (H)	ALU	09/551121	US6771763	US	Method And Apparatus For Providing Efficient VoDSL Gateway-To-Gateway Communication	18.04.2000
Grosse 5 (E)	ALU	09/015563	US6205551	US	Computer Security Using Virus Probing	29.01.1998
Grosse 5 (E)	ALU	99300332.6	EP0936787	FR	Computer Security Using Virus Probing	19.01.1999
Grosse 5 (E)	ALU	99300332.6	EP0936787	DE	Computer Security Using Virus Probing	19.01.1999
Grosse 5 (E)	ALU	99300332.6	EP0936787	GB	Computer Security Using Virus Probing	19.01.1999
Greywall 29 (DS)	ALU	10/667937	US6872947	US	MEMS-Based Spectrophotometric System	22.09.2003
Halsell 19 (VM)	ALU	10/746623	US7142862	US	Intra-Service Number Portability In Wireless Network	24.12.2003
Guo 9-4-3-32-8 (KH)	ALU	04250831.7	EP1455480	GB	Optimally Provisioning Connectivity For Network-Based Mobile Virtual Private Network (VPN) Services	17.02.2004
Guo 9-4-3-32-8 (KH)	ALU	04250831.7	EP1455480	FR	Optimally Provisioning Connectivity For Network-Based Mobile Virtual Private Network (VPN) Services	17.02.2004
Guo 9-4-3-32-8 (KH)	ALU	04250831.7	EP1455480	DE	Optimally Provisioning Connectivity For Network-Based Mobile Virtual Private Network (VPN) Services	17.02.2004
Guo 9-4-3-32-8 (KH)	ALU	10/772080	US7756042	US	Optimally Provisioning Connectivity For Network-Based Mobile Virtual Private Network (VPN) Services	04.02.2004

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Guo 9-4-3-32-8 (KH)	ALU	200451954	JP4629350	JP	Optimally Provisioning Connectivity For Network-Based Mobile Virtual Private Network (VPN) Services	26.02.2004
Grosz 1-3 (DF)	ALU	10/119080	US7099594	US	Optical Transmission Using All-Optical Regeneration And Dispersion Techniques	09.04.2002
Goh 1-1 (J)	ALU	09/410294	US6385259	US	Composite Code Match Filters	30.09.1999
Hakki 14 (BW)	ALU	09/052756	US6011253	US	Method And Apparatus For Analyzing Polarization Mode Dispersion Of An Optical Device	31.03.1998
Golestani 7-60-5 (SJ)	ALU	10/953355	US7522566	US	Computing Optimal Channel Allocations Using Decomposition Methods And Related Devices	30.09.2004
Gnesda 3-9-4 (N)	ALU	09/490605	US6970721	US	Apparatus And Method For Measuring And Controlling The Performance Of An Adjustable Antenna On A Sub-Sector Basis	25.01.2000
Gnesda 3-9-4 (N)	ALU	00306697.4	EP1120983	GB	Apparatus And Method For Measuring And Controlling The Performance Of An Adjustable Antenna On A Sub-Sector Basis	07.08.2000
Gnesda 3-9-4 (N)	ALU	00306697.4	EP1120983	IT	Apparatus And Method For Measuring And Controlling The Performance Of An Adjustable Antenna On A Sub-Sector Basis	07.08.2000
Gnesda 3-9-4 (N)	ALU	00306697.4	EP1120983	FR	Apparatus And Method For Measuring And Controlling The Performance Of An Adjustable Antenna On A Sub-Sector Basis	07.08.2000
Gnesda 3-9-4 (N)	ALU	00306697.4	EP1120983	DE	Apparatus And Method For Measuring And Controlling The Performance Of An Adjustable Antenna On A Sub-Sector Basis	07.08.2000
Goodwin 1-1 (LM)	ALU	12/457047	US8199679	US	Enterprise Virtual Private LAN Services	29.05.2009
Gopalakrishnan 11 (N)	ALU	20030019511	KR100994351	KR	Method For Encoding A User Identifier In A Communication System	28.03.2003
Gopalakrishnan 11 (N)	ALU	2003087599	JP4304282	JP	Method For Encoding A User Identifier In A Communication System	27.03.2003
Gopalakrishnan 11 (N)	ALU	10/116869	US6871313	US	Method For Encoding A User Identifier In A Communication System	05.04.2002
Gopalakrishnan 11 (N)	ALU	03251636.1	EP1357691	FR	Method For Encoding A User Identifier In A Communication System	18.03.2003
Gopalakrishnan 11 (N)	ALU	03251636.1	EP1357691	DE	Method For Encoding A User Identifier In A Communication System	18.03.2003
Gopalakrishnan 11 (N)	ALU	03251636.1	EP1357691	GB	Method For Encoding A User Identifier In A Communication System	18.03.2003
Gopalakrishnan 15-11-29-15 (N)	ALU	10/186007	US7356346	US	Method Of Uplink Scheduling For Data Communication	28.06.2002
Haase 2-11-2 (O)	ALU	10/349672	US7610328	US	Methods And Apparatus For A Multi-Technology Subscriber Base For Global Roaming	23.01.2003
Goldman 58-39-38-46 (SO)	ALU	11/747526	US7908546	US	Methods And Appartus For Detection Of Performance Conditions In Processing System	11.05.2007
Haimi-Cohen 16-4 (R)	ALU	2012510842	JP5420759	JP	Fast Channel Change Handling Of Late Multicast Join	29.04.2010
Haimi-Cohen 16-4 (R)	ALU	12/464982	US8161515	US	Fast Channel Change Handling Of Late Multicast Join	13.05.2009
Haimi-Cohen 16-4 (R)	ALU	201080020303.X	ZL201080020303.X	CN	Fast Channel Change Handling Of Late Multicast Join	29.04.2010
Gollamudi 7-19 (S)	ALU	10/697449	US7801071	US	System And Method For Providing Multi-Beam Scheduling	30.10.2003
Gollamudi 9-5 (S)	ALU	10/853362	US7693099	US	Methods Of Wireless Communication	26.05.2004
Gopalakrishnan 19-17 (N)	ALU	10/619420	US7385954	US	Method Of Transmitting Or Retransmitting Packets In A Communication System	16.07.2003
Glowinke 1 (TS)	ALU	11/411627	US7482688	US	Attaching Heat Sinks To Integrated Circuit Packages	26.04.2006
Gmachl 26-3 (CF)	ALU	10/413820	US6882675	US	Optical Resonators That Include Chaotic Ray Paths	15.04.2003
Han 3-2 (S)	ALU	10/411844	US7586872	US	User Assignment Stratgegies For Hierarchical And Other Overlay Networks	11.04.2003
Harms 3-2 (DC)	ALU	11/820341	US8175270	US	Authentication Loading Control And Information Recapture In A UMTS Network	19.06.2007
Hansen 13-4 (PB)	ALU	08/928580	US5887093	US	Optical Fiber Dispersion Compensation	12.09.1997
Hansen 18-6-16 (PB)	ALU	114/MAS/2000	IN207567	IN	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	15.02.2000
Hansen 18-6-16 (PB)	ALU	00102336.5	ZL00102336.5	CN	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	17.02.2000
Hansen 18-6-16 (PB)	ALU	2298408	CA2298408	CA	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	14.02.2000
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	ES	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	DE	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	GB	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hao 16-57-59 (F)	ALU	12/495236	US8218452	US	Network Detection Of Real-Time Applications Using Incremental Linear Regression	30.06.2009

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Haunstein 13-3 (H)	ALU	10/954108	US7266311	US	Control Of Delay Line Interferometer	29.09.2004
Haunstein 13-3 (H)	ALU	04255949.2	EP1643665	DE	Control Of Delay Line Interferometer	29.09.2004
Haunstein 13-3 (H)	ALU	04255949.2	EP1643665	GB	Control Of Delay Line Interferometer	29.09.2004
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	IT	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Gripp 1-41 (J)	ALU	09/211201	US6067149	US	Enhanced Range For OTDR-Like Dispersion-Map Measurements	14.12.1998
Gripp 4-1 (J)	ALU	10/135785	US7149425	US	Monitoring System For An Optical Transmitter	30.04.2002
Grimes 88-53-28 (GJ)	ALU	09/903029	US6698937	US	Optical Connector Mechanism	11.07.2001
Grosse 13-39 (EH)	ALU	2008525147	JP4768020	JP	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks By Target Victim Self-Identification And Control	02.08.2006
Grosse 13-39 (EH)	ALU	20077030524	KR101067781	KR	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks By Target Victim Self-Identification And Control	02.08.2006
Grosse 13-39 (EH)	ALU	5964/CHENP/2007	IN257978	IN	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks By Target Victim Self-Identification And Control	02.08.2006
Grosse 14 (EH)	ALU	11/197841	US7889735	US	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	05.08.2005
Grosse 14 (EH)	ALU	2008525173	JP4768021	JP	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
Grosse 14 (EH)	ALU	5966/CHENP/2007	IN257984	IN	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
Grosse 14 (EH)	ALU	20077030525	KR101217647	KR	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
Grosse 14 (EH)	ALU	200680023739.8	ZL80023739.8	CN	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
Grosse 15 (EH)	ALU	11/356721	US8776237	US	Method And Apparatus For End-To-End Security In A Heterogeneous Network	17.02.2006
Guenach 1-12-1-1-1-1-1-20-1-9 (M)	ALU	11/897809	US7830978	US	Determining Channel Matrices By Correlated Transmissions To Different Channels	31.08.2007
Guenach 1-12-1-1-1-1-1-20-1-9 (M)	ALU	200880104663.0	ZL200880104663.0	CN	Determining Channel Matrices By Correlated Transmissions To Different Channels	25.08.2008
Guenach 1-12-1-1-1-1-1-20-1-9 (M)	ALU	08829375.8		EP	Determining Channel Matrices By Correlated Transmissions To Different Channels	25.08.2008
Guenach 1-12-1-1-1-1-1-20-1-9 (M)	ALU	1018/CHENP/2010		IN	Determining Channel Matrices By Correlated Transmissions To Different Channels	28.08.2008
Gronbach 3 (S)	ALU	10/790620	US7075695	US	Method And Apparatus For Controlling A Bias Voltage Of A Mach-Zehnder Modulator	01.03.2004
Guenach 1-12-1-1-1-1-1-20-1-9 (M)	ALU	20107004556	KR101514225	KR	Determining Channel Matrices By Correlated Transmissions To Different Channels	25.08.2008
Greywall 31 (DS)	ALU	10/772847	US6995895	US	MEMS Actuator For Piston And Tilt Motion	05.02.2004
Grimes 58 (GJ)	ALU	08/284708	US6434537	US	Cellular Telephone Billing Management System	01.08.1994
Grinshpun 4-1-4 (E)	ALU	12/318850	US8041994	US	Asynchronous Checkpointing With Audits In High Availablity Networks	09.01.2009
Hellenthal 1-2 (W)	ALU	10/764754	US7426737	US	Method And Apparatus For Operating An Open API Network Having A Proxy	26.01.2004
Hellenthal 1-2 (W)	ALU	05250064.2	EP1558001	GB	Method And Apparatus For Operating An Open API Network Having A Proxy	07.01.2005
Hellenthal 1-2 (W)	ALU	05250064.2	EP1558001	FR	Method And Apparatus For Operating An Open API Network Having A Proxy	07.01.2005
Hellenthal 1-2 (W)	ALU	05250064.2	EP1558001	DE	Method And Apparatus For Operating An Open API Network Having A Proxy	07.01.2005
Hellenthal 1-2 (W)	ALU	2005017563	JP4822713	JP	Method And Apparatus For Operating An Open API Network Having A Proxy	26.01.2005
Hellenthal 1-2 (W)	ALU	20050006490	KR101102674	KR	Method And Apparatus For Operating An Open API Network Having A Proxy	25.01.2005

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Hellenthal 1-2 (W)	ALU	200510004379.4	ZL200510004379.4	CN	Method And Apparatus For Operating An Open API Network Having A Proxy	20.01.2005
Hellenthal 1-2 (W)	ALU	1508/CHE/2004	IN262546	IN	Method And Apparatus For Operating An Open API Network Having A Proxy	31.12.2004
Hellenthal 1-2 (W)	ALU	12/170584	US8001555	US	Method And Apparatus For Operating An Open API Network Having A Proxy	10.07.2008
Hellenthal 2 (W)	ALU	11/435371	US7688734	US	Scheduling Incoming Packet Traffic On An Output Link Of A Network Device Associated With A Data Network	16.05.2006
Heinkel 2-4-4 (U)	ALU	11/027906	US7183819	US	Method And Circuit Configuration For Synchronous Resetting Of A Multiple Clock Domain Circuit	30.12.2004
Heinkel 4-4-3 (U)	ALU	06825358.2		EP	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Heinkel 4-4-3 (U)	ALU	2009531363	JP5274469	JP	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Hermsmeyer 2-4-4 (C)	ALU	11/554122	US8763062	US	Method And Apparatus For Controlling Information Available From Content Distribution Points	30.10.2006
Hermsmeyer 2-4-4 (C)	ALU	2009534590	JP4940454	JP	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
Hermsmeyer 2-4-4 (C)	ALU	200780040225.8	ZL200780040225.8	CN	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
Hermsmeyer 2-4-4 (C)	ALU	20097009085	KR101088575	KR	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
Hermsmeyer 2-4-4 (C)	ALU	2200/CHENP/2009	IN283643	IN	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
Heinkel 4-4-3 (U)	ALU	1693/CHENP/2009		IN	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Haner 7-1-14 (M)	ALU	11/080852	US7437161	US	Method Of Fast Data Transmission Of Mobile Stations Via The Same Base Station	16.03.2005
Hernandez 7 (G)	ALU	09/783979	US6956588	US	Liaison Technology To Connect Plural End User Devices To An Interface For A Computing Resource Having One Port Assigned To The Interface	16.02.2001
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	FR	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hansen 18-6-16 (PB)	ALU	2000035785	JP3715168	JP	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	14.02.2000
Hansen 18-6-16 (PB)	ALU	09/253665	US6323993	US	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	19.02.1999
Hertlein 3-40-2 (GH)	ALU	2008537775	JP5059016	JP	A Method For Providing A Multicast Service Within A Wireless Communications System	16.10.2006
Hertlein 3-40-2 (GH)	ALU	200680040131.6	ZL200680040131.6	CN	A Method For Providing A Multicast Service Within A Wireless Communications System	16.10.2006
Hao 6-41-46-1 (F)	ALU	11/372898	US7639611	US	Method And Apparatus For Payload-Based Flow Estimation	10.03.2006
Hertlein 3-40-2 (GH)	ALU	20087010043	KR101452787	KR	A Method For Providing A Multicast Service Within A Wireless Communications System	16.10.2006
Hertlein 3-40-2 (GH)	ALU	11/262485	US7907558	US	A Method For Providing A Multicast Service Within A Wireless Communications System	28.10.2005
Hou 1-1-9 (YT)	ALU	09/277396	US6515965	US	Available Bit Rate Flow Control For Service Allocation In A Packet Network	26.03.1999
Hoekstra 5-5 (GJ)	ALU	200780021368.4	ZL80021368.4	CN	Maintaining Quality Of Service For Wireless Communications	06.06.2007
Hoekstra 5-5 (GJ)	ALU	6622/CHENP/2008	IN284036	IN	Maintaining Quality Of Service For Wireless Communications	06.06.2007
Hoekstra 5-5 (GJ)	ALU	20087029914	KR101011626	KR	Maintaining Quality Of Service For Wireless Communications	06.06.2007
Hoekstra 5-5 (GJ)	ALU	07777436.2		EP	Maintaining Quality Of Service For Wireless Communications	06.06.2007
Hoekstra 5-5 (GJ)	ALU	11/450546	US8009609	US	Maintaining Quality Of Service For Wireless Communications	09.06.2006
Hoekstra 7-6 (GJ)	ALU	11/461054	US7653019	US	Method Of Distributing Identical Data To Mobile Units	31.07.2006
Hoekstra 7-6 (GJ)	ALU	20097001548	KR101017541	KR	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	419/CHENP/2009		IN	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	200780028425.1	ZL80028425.1	CN	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	2009522765	JP5017368	JP	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Honcharenko 3-8-5 (W)	ALU	09/065855	US6349217	US	Multi-Mode/Multi-Rate Fixed Wireless Communication System	24.04.1998
Horn 9 (DN)	ALU	09/138001	US6556670	US	Method For Solving The Music-On-Hold Problem In An Audio Conference	21.08.1998
Horn 9 (DN)	ALU	11234130	JP3764003	JP	Method For Solving The Music-On-Hold Problem In An Audio Conference	20.08.1999
Beck 7-20-8 (A)	ALU	11/357144	US7693270	US	Method And Network For Providing Service Blending To A Subscriber	21.02.2006
Hofmann 19-7 (MA)	ALU	20087014225	KR101275421	KR	Method And Network For Providing Service Blending To A Subscriber	14.12.2006
Holland 12 (WR)	ALU	09/438855	US6504604	US	In Situ Polarization Mode Dispersion Measurement	12.11.1999
Holmqvist 1 (RS)	ALU	09/488327	US6919814	US	System And Method For Providing Ancillary Page Information	20.01.2000
Ma 29-67 (Z)	ALU	4641/CHENP/2010		IN	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Heer 9 (AJ)	ALU	11/096219	US7693144	US	Method And System For VPLS Using Ethernet Bridges	31.03.2005

PATENT

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Hsi 2-14-3-41 (T)	ALU	2010500933	JP5124634	JP	Billing Based On Equivalent Quality Of Service Units	20.03.2008
Hsi 2-14-3-41 (T)	ALU	08727022.9		EP	Billing Based On Equivalent Quality Of Service Units	20.03.2008
Hsi 2-14-3-41 (T)	ALU	20097019858	KR101139281	KR	Billing Based On Equivalent Quality Of Service Units	20.03.2008
Hsi 2-14-3-41 (T)	ALU	11/691281	US8571950	US	Billing Based On Equivalent Quality Of Service Units	26.03.2007
House 1-1 (J)	ALU	00310342.1	EP1209850	FR	Telecommunications Network With Improved Timing Control	22.11.2000
House 1-1 (J)	ALU	00310342.1	EP1209850	DE	Telecommunications Network With Improved Timing Control	22.11.2000
House 1-1 (J)	ALU	00310342.1	EP1209850	GB	Telecommunications Network With Improved Timing Control	22.11.2000
Heer 15-1-2-1 (AJ)	ALU	11/263561	US8054842	US	Apparatus For Providing Internet Protocol Television Service And Internet Service	31.10.2005
Heer 15-1-2-1 (AJ)	ALU	200680040922.9	ZL200680040922.9	CN	Apparatus For Providing Internet Protocol Television Service And Internet Service	16.10.2006
Heer 15-1-2-1 (AJ)	ALU	2008537776	JP4847538	JP	Apparatus For Providing Internet Protocol Television Service And Internet Service	16.10.2006
Heer 15-1-2-1 (AJ)	ALU	06826169.2	EP1966949	EP	Apparatus For Providing Internet Protocol Television Service And Internet Service	16.10.2006
Heer 18 (AJ)	ALU	11/562041	US8295276	US	Method And Apparatus For Transporting Multiprotocol Label Switching Frames Over Physical Communication Links	21.11.2006
Heer 19 (AJ)	ALU	200780048329.3	ZL200780048329.3	CN	Method And Apparatus For Improved Multicast Routing	19.12.2007
Heer 19 (AJ)	ALU	11/617051	US8320374	US	Method And Apparatus For Improved Multicast Routing	28.12.2006
Heer 19 (AJ)	ALU	2009544039	JP5373625	JP	Method And Apparatus For Improved Multicast Routing	19.12.2007
He 2 (A)	ALU	09/571501	US6754500	US	Channel Grouping System And Method For A Wireless Communication System	15.05.2000
Heer 2-5-2-1 (AJ)	ALU	02253038.0	EP1359715	FR	Method For Establishing A Loop-Free Path For Transfer Of Data Packets Within A Circular Network	30.04.2002
Heer 2-5-2-1 (AJ)	ALU	02253038.0	EP1359715	DE	Method For Establishing A Loop-Free Path For Transfer Of Data Packets Within A Circular Network	30.04.2002
Heer 2-5-2-1 (AJ)	ALU	02253038.0	EP1359715	GB	Method For Establishing A Loop-Free Path For Transfer Of Data Packets Within A Circular Network	30.04.2002
Heer 4-3 (AJ)	ALU	04253184.8	EP1487158	FR	Method For Reconfiguring A Ring Network, A Network Node, And A Computer Program Product	28.05.2004
Heer 4-3 (AJ)	ALU	04253184.8	EP1487158	DE	Method For Reconfiguring A Ring Network, A Network Node, And A Computer Program Product	28.05.2004
Heer 4-3 (AJ)	ALU	04253184.8	EP1487158	GB	Method For Reconfiguring A Ring Network, A Network Node, And A Computer Program Product	28.05.2004
Heer 4-3 (AJ)	ALU	10/452626	US8543672	US	Method For Reconfiguring A Ring Network, A Network Node, And A Computer Program Product	02.06.2003
Heer 4-3 (AJ)	ALU	20040039592	KR101094049	KR	Method For Reconfiguring A Ring Network, A Network Node, And A Computer Program Product	01.06.2004
Heer 4-3 (AJ)	ALU	2004164581	JP4372618	JP	Method For Reconfiguring A Ring Network, A Network Node, And A Computer Program Product	02.06.2004
Hu 19 (T)	ALU	10/815128	US7957389	US	Method of Stall Identification And Recovery	31.03.2004
Hu 19 (T)	ALU	200510059599.7	ZL10059599.7	CN	Method of Stall Identification And Recovery	30.03.2005
Hu 19 (T)	ALU	20050026898	KR101107817	KR	Method of Stall Identification And Recovery	31.03.2005
Hu 19 (T)	ALU	2005100591	JP4822728	JP	Method of Stall Identification And Recovery	31.03.2005
Jachowski 1-9-22 (MD)	ALU	11/079861	US7217922	US	Planar Micro-Miniature Ion Trap Devices	14.03.2005
Jajoo 2-1 (SR)	ALU	11/647931	US7921224	US	Method Of Maintaining Traffic Services Through Congestion Caused By Network Failovers	29.12.2006
Innovance 2	ALU	10/159676	US7941047	US	Method For Engineering Connections In A Dynamically Reconfigurable Photonic Switched Network	31.05.2002
Ilas 2-6-6 (C)	ALU	09/980289	US7248571	US	Multi-User Time-Slots For TDMA	14.03.2000
Ilas 2-6-6 (C)	ALU	00909522.5	EP1188259	GB	Multi-User Time-Slots For TDMA	14.03.2000
Ilas 2-6-6 (C)	ALU	00909522.5	EP1188259	FR	Multi-User Time-Slots For TDMA	14.03.2000
Ilas 2-6-6 (C)	ALU	00909522.5	EP1188259	DE	Multi-User Time-Slots For TDMA	14.03.2000
Innovance 10	ALU	10/128092	US8521022	US	Dynamic Assignment Of Wavelengths In Agile Photonic Networks	23.04.2002
Himayat 1-6-3 (N)	ALU	09/353233	US6574202	US	Method For Interleaving Information Conveyed In A Wireless Communication System	14.07.1999
Himayat 1-6-3 (N)	ALU	00305572.0	EP1069711	GB	Method For Interleaving Information Conveyed In A Wireless Communication System	03.07.2000
Himayat 1-6-3 (N)	ALU	00305572.0	EP1069711	FR	Method For Interleaving Information Conveyed In A Wireless Communication System	03.07.2000
Himayat 1-6-3 (N)	ALU	00305572.0	EP1069711	DE	Method For Interleaving Information Conveyed In A Wireless Communication System	03.07.2000
Himayat 1-6-3 (N)	ALU	2000210726	JP3676201	JP	Method For Interleaving Information Conveyed In A Wireless Communication System	12.07.2000
Jakobsson 22-2 (BM)	ALU	09/538663	US7644274	US	Methods Of Protecting Against Spam Electronic Mail	31.03.2000
Hochwald 5-7-2 (BM)	ALU	09/285578	US6452916	US	Space-Time Spreading Method Of CDMA Wireless Communication	02.04.1999

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Hochwald 5-7-2 (BM)	ALU	99309995.1	EP1018808	FR	Space-Time Spreading Method Of CDMA Wireless Communication	10.12.1999
Hochwald 5-7-2 (BM)	ALU	99309995.1	EP1018808	DE	Space-Time Spreading Method Of CDMA Wireless Communication	10.12.1999
Hochwald 5-7-2 (BM)	ALU	99309995.1	EP1018808	GB	Space-Time Spreading Method Of CDMA Wireless Communication	10.12.1999
Hochwald 5-7-2 (BM)	ALU	H11368134	JP3901898	JP	Space-Time Spreading Method Of CDMA Wireless Communication	24.12.1999
Ho 3-3-22 (LT)	ALU	02254380.5	EP1343336	GB	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	24.06.2002
Ho 3-3-22 (LT)	ALU	02254380.5	EP1343336	FR	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	24.06.2002
Ho 3-3-22 (LT)	ALU	02254380.5	EP1343336	DE	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	24.06.2002
Ho 3-3-22 (LT)	ALU	10/382403	US7088959	US	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	06.03.2003
Hodgetts 1-1 (MW)	ALU	11/011988	US7161425	US	Radio Frequency Power Amplifier For Lossless Power Combining	14.12.2004
Hilt 11-32 (VF)	ALU	12/287815	US8266661	US	Method And Apparatus For Performing Template-Based Prefix Caching For Use In Video-On-Demand Applications	14.10.2008
Himayat 1-6-3 (N)	ALU	07015070.1	EP1848126	DE	Method For Interleaving Information Conveyed In A Wireless Communication System	01.08.2007
Himayat 1-6-3 (N)	ALU	07015070.1	EP1848126	GB	Method For Interleaving Information Conveyed In A Wireless Communication System	01.08.2007
Himayat 1-6-3 (N)	ALU	07015070.1	EP1848126	FR	Method For Interleaving Information Conveyed In A Wireless Communication System	03.07.2000
Hitzeman 4 (BM)	ALU	10/155046	US7035645	US	Methods For Mitigating Impact On Non-Privileged Users Of Potential Resource Limitations In A Communication System	24.05.2002
Jiang 21-2-12-7 (F)	ALU	2005362552	JP5165844	JP	Method For Detecting Reverse Link Collisions On An Air Interface	16.12.2005
Johnson 6-1-17 (RE)	ALU	2000277712	JP4676052	JP	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	13.09.2000
Joyner 25-1 (CH)	ALU	09/516295	US6571038	US	Multimode Interference Coupler With Tunable Power Splitting Ratios And Method Of Tuning	01.03.2000
Jiang 21-2-12-7 (F)	ALU	20050124860	KR101187588	KR	Method For Detecting Reverse Link Collisions On An Air Interface	16.12.2005
Johnson 6-1-17 (RE)	ALU	2317901	CA2317901	CA	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	07.09.2000
Jocher 4 (RW)	ALU	10/107441	US6795035	US	System For Antenna Sidelobe Modification	28.03.2002
Jocher 8 (RW)	ALU	10/442166	US6888421	US	Power Attenuator With Coupling Port	21.05.2003
Jocher 9 (RW)	ALU	10/443861	US7215294	US	Antenna With Reflector	23.05.2003
Jrad 2-4-1-14 (AM)	ALU	2010520984	JP5542054	JP	Method And Apparatus For Signaling A Call From A Caller Terminal To A Callee Terminal	05.08.2008
Jrad 2-4-1-14 (AM)	ALU	08836575.4		EP	Method And Apparatus For Signaling A Call From A Caller Terminal To A Callee Terminal	05.08.2008
Jopson 25-48-17 (RM)	ALU	11/307918	US7590355	US	Method And Apparatus For PMD Mitigation In Optical Communication Systems	28.02.2006
Jordan 3-16 (R)	ALU	09/573086	US6389203	US	Tunable All-Pass Optical Filters With Large Free Spectral Ranges	17.05.2000
Jordan 3-16 (R)	ALU	2001147159	JP3877976	JP	Tunable All-Pass Optical Filters With Large Free Spectral Ranges	17.05.2001
Jovanovic 3 (V)	ALU	11/647094	US8351943	US	Method And Apparatus For Handoff In A Wireless Network	28.12.2006
Joyce 14 (WB)	ALU	09/244528	US6327402	US	Lightwave Transmission System Having Wide Pump Wavebands	04.02.1999
Jiang 21-2-12-7 (F)	ALU	11/014288	US7885658	US	Method For Detecting Reverse Link Collisions On An Air Interface	16.12.2004
Johnson 6-1-17 (RE)	ALU	09/395490	US7409007	US	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	14.09.1999
Johnson 6-1-17 (RE)	ALU	20000054035	KR739356	KR	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	14.09.2000
Johnson 6-1-17 (RE)	ALU	56554/00	AU773197	AU	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	07.09.2000
Johnson 6-1-17 (RE)	ALU	760/MAS/2000		IN	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	14.09.2000
Jones 1-1-1-3 (DA)	ALU	10/720356	US7016478	US	911 Emergency Voice/Data Telecommunication Network	24.11.2003

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Jiang 21-2-12-7 (F)	ALU	200510129571.6	ZL200510129571.6	CN	Method For Detecting Reverse Link Collisions On An Air Interface	15.12.2005
Huo 12-41 (DD)	ALU	20050038445	KR101123021	KR	Hybrid Wireless Communications System	09.05.2005
Huo 12-41 (DD)	ALU	10/842701	US7706346	US	Hybrid Wireless Communications System	10.05.2004
Hua 46-8 (S)	ALU	12/163060	US9225940	US	A Method And Apparatus For Real-Time IPTV Channel Searching And Switching	27.06.2008
Jopson 14-40-2 (RM)	ALU	09/390033	US6380533	US	Method Of Measurement	03.09.1999
Jopson 15-42-3 (RM)	ALU	09/395238	US6144450	US	Apparatus And Method For Improving The Accuracy Of Polarization Mode Dispersion Measurements	13.09.1999
Jopson 16-43-4 (RM)	ALU	09/468968	US6385356	US	Higher-Order PMD Compensated Fiber Transmission System	22.12.1999
Jopson 17-44-5 (RM)	ALU	09/533044	US6385357	US	Method And Apparatus For compensating For Higher Order PMD In A Fiber Transmission System At The Fiber Output	22.03.2000
Hu 6-24 (TH)	ALU	09/994490	US7075891	US	Method And Apparatus For Transmitting And Receiving Data Packets To Avoid Stall During Re-Sequencing Of Data Packets	26.11.2001
Huh 2-1 (YU)	ALU	00311512.8	EP1113680	GB	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	21.12.2000
Huh 2-1 (YU)	ALU	00311512.8	EP1113680	FR	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	21.12.2000
Huh 2-1 (YU)	ALU	00311512.8	EP1113680	DE	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	21.12.2000
Huh 2-1 (YU)	ALU	2000396370	JP3828356	JP	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	27.12.2000
Huh 2-1 (YU)	ALU	09/738702	US6791976	US	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	15.12.2000
Judkins 8-29-5 (JB)	ALU	09/053236	US6084996	US	Broadband Long-Period Gratings	01.04.1998
Huo 7 (DD)	ALU	09/893363	US7197024	US	Telecommunications System Having Layered Protocol With Delimiter Of Payload	27.06.2001
Huo 7 (DD)	ALU	2002177020	JP3914100	JP	Telecommunications System Having Layered Protocol With Delimiter Of Payload	18.06.2002
Huo 9 (DD)	ALU	10/608445	US7477605	US	Methods Providing Variable Graularity For Data Flow Control Using A Leaky Bucket	30.06.2003
Hua 1-61-3 (N)	ALU	12/425576	US8250016	US	Variable-Stride Stream Segmentation and Multi-Pattern Matching	17.04.2009
Hua 1-61-3 (N)	ALU	2012506101	JP5373184	JP	Variable-Stride Stream Segmentation and Multi-Pattern Matching	13.04.2010
Hua 1-61-3 (N)	ALU	10717927.7		EP	Variable-Stride Stream Segmentation and Multi-Pattern Matching	13.04.2010
Hua 1-61-3 (N)	ALU	201080016841.1		CN	Variable-Stride Stream Segmentation and Multi-Pattern Matching	13.04.2010
K V M 3-71-2-3 (N)	ALU	11/783137	US9171006	US	Mobile Station With Expanded Storage Space And Method Of Retrieving Files By the Mobile Station	06.04.2007
Kermalli 1 (MH)	ALU	10/183379	US7162271	US	Band Pass Filter And Method Of Filtering For A Base Station In A Wireless Communication System	28.06.2002
Kermalli 3 (MH)	ALU	10/448354	US7196578	US	Amplifier Memory Effect Compensator	30.05.2003
Kamath 3 (KK)	ALU	10/345581	US6785313	US	Distributed Bragg Reflector Laser And Fabrication Method	16.01.2003
Kamath 3 (KK)	ALU	09/610267	US6548320	US	Distributed Bragg Reflector Laser And Fabrication Method	06.07.2000
Kao 4-23-15 (Y)	ALU	04255617.5	EP1519499	FR	System And Method For Optical Transmission	16.09.2004
Kao 4-23-15 (Y)	ALU	04255617.5	EP1519499	DE	System And Method For Optical Transmission	16.09.2004
Kao 4-23-15 (Y)	ALU	04255617.5	EP1519499	GB	System And Method For Optical Transmission	16.09.2004
Kao 5-31 (Y)	ALU	10/856729	US7466926	US	Method And Apparatus For RZ-DPSK Optical Signal Generation	28.05.2004
Kataria 1-1-2-26 (D)	ALU	09/188023	US6687229	US	Quality Of Service Based Path Selection For Connection-Oriented Networks	06.11.1998
Kaul 1-11 (S)	ALU	12/453135	US8271634	US	Buffer System For Managing Service Measurements Requests	30.04.2009
Ke 4 (M)	ALU	09/368029	US6356852	US	Multi-Port Programmable Tester	03.08.1999
Ke 5 (M)	ALU	09/437522	US6292053	US	Power Amplifier System	10.11.1999
Ke 5 (M)	ALU	00309585.8	EP1100147	GB	Power Amplifier System	30.10.2000
Ke 5 (M)	ALU	00309585.8	EP1100147	FR	Power Amplifier System	30.10.2000
Ke 5 (M)	ALU	00309585.8	EP1100147	DE	Power Amplifier System	30.10.2000
Ke 5 (M)	ALU	20000066466	KR767885	KR	Power Amplifier System	09.11.2000
Ke 5 (M)	ALU	2000343740		JP	Power Amplifier System	10.11.2000
Ke 5 (M)	ALU	200710414	JP5398957	JP	Power Amplifier System	10.11.2000
Ke 6 (M)	ALU	09/419450	US6323742	US	RF Smart Combiner/Splitter	15.10.1999
Kasera 3-19-8-7-1 (S)	ALU	10/242051	US7317686	US	Fair Sharing Of Multi-Access Channels	12.09.2002
Kahn 12-6-10-7-2-17-23-11 (CL)	ALU	20107027329	KR101286386	KR	Method And Apparatus For Providing Quality-Of-Service In Radio Access Networks	29.05.2009
Kahn 12-6-10-7-2-17-23-11 (CL)	ALU	2011512458	JP5214803	JP	Method And Apparatus For Providing Quality-Of-Service In Radio Access Networks	29.05.2009
Kahn 12-6-10-7-2-17-23-11 (CL)	ALU	09758703.4		EP	Method And Apparatus For Providing Quality-Of-Service In Radio Access Networks	29.05.2009
Kahn 12-6-10-7-2-17-23-11 (CL)	ALU	200980120266.7		CN	Method And Apparatus For Providing Quality-Of-Service In Radio Access Networks	29.05.2009

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Kazarinov 29-3-4-10 (RF)	ALU	09/182980	US6289151	US	All-Pass Optical Filters	30.10.1998
Kasturia 17 (S)	ALU	09/244645	US6388998	US	Improved Reuse Of Codes And Spectrum In A CDMA System With Multiple-Sector Cells	04.02.1999
Jiang 5-17 (F)	ALU	09/143666	US6212405	US	Extended Range Concentric Cell Base Station	31.08.1998
Jedlicka 3-26 (TE)	ALU	11/141436	US7271718	US	Protection Against Loss Or Theft Of Identification Badges And Other Items	31.05.2005
Jiang 6-1-60-1 (S)	ALU	12/164253	US8078054	US	Apparatus And Method For Improving The Tolerance Of Tone-Based Optical Channel Monitoring To Stimulated Raman Scattering	30.06.2008
Jiang 6-1-60-1 (S)	ALU	20107029224	KR101216375	KR	Apparatus And Method For Improving The Tolerance Of Tone-Based Optical Channel Monitoring To Stimulated Raman Scattering	13.05.2009
Jiang 6-1-60-1 (S)	ALU	09773878.5		EP	Apparatus And Method For Improving The Tolerance Of Tone-Based Optical Channel Monitoring To Stimulated Raman Scattering	13.05.2009
Jiang 6-1-60-1 (S)	ALU	200980125091.9	ZL200980125091.9	CN	Apparatus And Method For Improving The Tolerance Of Tone-Based Optical Channel Monitoring To Stimulated Raman Scattering	13.05.2009
Jiang 6-1-60-1 (S)	ALU	2011516267	JP5236074	JP	Apparatus And Method For Improving The Tolerance Of Tone-Based Optical Channel Monitoring To Stimulated Raman Scattering	13.05.2009
Jeske 7-12 (DR)	ALU	10/261252	US7257133	US	Method For Estimating Offset For Clocks At Network Elements	30.09.2002
Ji 4-1-26 (H)	ALU	09/651792	US7400630	US	Call Admission Control With Overbooking Support And Cell Loss Ratio And Cell Delay Variation Guarantee	30.08.2000
Kisel 10-11-3 (A)	ALU	12/356214	US9661099	US	Resource Arbitration In A Converged Multi-Media Environment	29.12.2008
Kisel 10-11-3 (A)	ALU	2010542563	JP5450446	JP	Resource Arbitration In A Converged Multi-Media Environment	07.01.2009
Kisel 10-11-3 (A)	ALU	200910126716.5	ZL200910126716.5	CN	Resource Arbitration In A Converged Multi-Media Environment	20.01.2009
Kisel 10-11-3 (A)	ALU	4585/CHENP/2010		IN	Resource Arbitration In A Converged Multi-Media Environment	07.01.2009
Kisel 10-11-3 (A)	ALU	20107018572	KR1256718	KR	Resource Arbitration In A Converged Multi-Media Environment	07.01.2009
Khawer 2-1 (MR)	ALU	10/056950	US7058029	US	Dynamic Power Control For A TDMA Based Air Interface	25.01.2002
Kisel 15-16 (A)	ALU	20117008582	KR101247842	KR	Feedback Between Recommendation Engines And Content Caching	09.09.2009
Kisel 15-16 (A)	ALU	2011526410	JP5346377	JP	Feedback Between Recommendation Engines And Content Caching	09.09.2009
Kisel 15-16 (A)	ALU	200910173136.1	ZL200910173136.1	CN	Feedback Between Recommendation Engines And Content Caching	11.09.2009
Kisel 15-16 (A)	ALU	08290861.7		EP	Feedback Between Recommendation Engines And Content Caching	15.09.2008
Kisel 17-18 (A)	ALU	09290002.6		EP	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	06.01.2009
Klein 28-2-1 (TE)	ALU	11/862321	US8199196	US	Method And Apparatus For Controlling Video Streams	27.09.2007
Kisel 3-3 (A)	ALU	2010530305	JP5208216	JP	Method For Caching Content Data Packages In Caching Nodes	13.10.2008
Kisel 3-3 (A)	ALU	200810177894.6	ZL200810177894.6	CN	Method For Caching Content Data Packages In Caching Nodes	24.10.2008
Kisel 7-7-2 (A)	ALU	20107012121	KR101453594	KR	Resilient Service Quality In A Managed Multimedia Delivery Network	13.10.2008
Kisel 7-7-2 (A)	ALU	2426/CHENP/2010		IN	Resilient Service Quality In A Managed Multimedia Delivery Network	13.10.2008
Kisel 7-7-2 (A)	ALU	2010531439	JP5181031	JP	Resilient Service Quality In A Managed Multimedia Delivery Network	13.10.2008
Kisel 8-9 (A)	ALU	200810144626.4	ZL200810144626.4	CN	Content-On-Demand Method And Network Therefor	20.06.2008
Kisel 8-9 (A)	ALU	2010512551	JP5296064	JP	Content-On-Demand Method And Network Therefor	30.05.2008
Kisel 8-9 (A)	ALU	12/665625	US8370426	US	Content-On-Demand Method And Network Therefor	30.05.2008
Kisel 8-9 (A)	ALU	07290771.0		EP	Content-On-Demand Method And Network Therefor	21.06.2007
Kisel 8-9 (A)	ALU	20107001307	KR101510910	KR	Content-On-Demand Method And Network Therefor	30.05.2008
Khan 46 (FU)	ALU	10/888559	US7738423	US	Cell Switching And Packet Combining In A Wireless Communication System	09.07.2004
Khan 46 (FU)	ALU	20050060309	KR101163973	KR	Cell Switching And Packet Combining In A Wireless Communication System	05.07.2005
Khan 46 (FU)	ALU	200510083276.1	ZL200510083276.1	CN	Cell Switching And Packet Combining In A Wireless Communication System	08.07.2005
Khan 46 (FU)	ALU	2005201168		JP	Cell Switching And Packet Combining In A Wireless Communication System	11.07.2005
Khan 47 (FU)	ALU	11/906309	US7577128	US	A Multiplexing Scheme For Unicast And Broadcast/Multicast Traffic	06.03.2008
Kim 6 (D)	ALU	11/172965	US7856355	US	Speech Quality Assessment Method And System	05.07.2005
Kim 7 (J)	ALU	09/876772	US6903604	US	Method And Apparatus For Modeling And Estimating The Characteristics Of A Power Amplifier	07.06.2001

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Knepper 3 (JD)	ALU	09/158055	US6212469	US	Device For Measuring And Displaying Various Travel Information	22.09.1998
Kang 1-49 (I)	ALU	10/354718	US7209669	US	Method For Synchronizing The Pulse Carver And Electroabsorption Data Modulator In RZ Optical Transmitters	30.01.2003
Kalavade 4 (A)	ALU	09/525696	US6901067	US	Method And Device For Generating A PCM Signal Stream From A Streaming Packet Source	14.03.2000
Kalavade 5 (AP)	ALU	09/525595	US7149772	US	Media Gateway Appliance	14.03.2000
Kamel 1-2-14-15 (RE)	ALU	148994/1999	JP3505104	JP	Wireless CDMA System Having A Unique Forward Configuration Control Channel	28.05.1999
Kamel 1-2-14-15 (RE)	ALU	99303870.2	EP0961513	EP	Wireless CDMA System Having A Unique Forward Configuration Control Channel	18.05.1999
Kamel 1-2-14-15 (RE)	ALU	09/086485	US6381235	US	Wireless CDMA System Having A Unique Forward Configuration Control Channel	29.05.1998
Kocherlakota 4 (S)	ALU	00309857.1	EP1102488	DE	Method And Apparatus For Remote Audiovisual Signal Recording	06.11.2000
Kocherlakota 4 (S)	ALU	00309857.1	EP1102488	GB	Method And Apparatus For Remote Audiovisual Signal Recording	06.11.2000
Kocherlakota 4 (S)	ALU	00309857.1	EP1102488	FR	Method And Apparatus For Remote Audiovisual Signal Recording	06.11.2000
Kocherlakota 4 (S)	ALU	2000348654	JP4633913	JP	Method And Apparatus For Remote Audiovisual Signal Recording	15.11.2000
Kamel 2-15-11-11 (RE)	ALU	09/157758	US7190688	US	Method And Apparatus For Adaptive Setting Of Initial Traffic Power	21.09.1998
Kaminski 8-12 (WJ)	ALU	09/549919	US6574459	US	Multiple Branch Receiver System And Method	14.04.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	GB	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	SE	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	FI	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	FR	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	DE	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	20010020022	KR555166	KR	Multiple Branch Receiver System And Method	14.04.2001
Kaminski 8-12 (WJ)	ALU	01116545.6	ZL01116545.6	CN	Multiple Branch Receiver System And Method	12.04.2001
Kaneda 1-2-2 (N)	ALU	10/627098	US7471904	US	Method And Apparatus For Electronic Equalization In Optical Communication Systems	25.07.2003
Kaneda 5 (N)	ALU	11/937561	US7696929	US	Tunable Microstrip Devices	09.11.2007
Kaneda 6-29 (N)	ALU	12/182221	US8095019	US	Digital Clock And Data Recovery Scheme	30.07.2008
Kramer 19-22 (GG)	ALU	12/370148	US8218419	US	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	12.02.2009
Kramer 19-22 (GG)	ALU	10705945.3		EP	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
Kramer 19-22 (GG)	ALU	20117021245	KR10-1276153	KR	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
Kodialam 52-55-26 (MS)	ALU	10711310.2		EP	Advertisment Scheduling In A Packet-Based Media-Delivery System	22.03.2010
Kodialam 52-55-26 (MS)	ALU	20117023140	KR101314430	KR	Advertisment Scheduling In A Packet-Based Media-Delivery System	22.03.2010
Krishnamoorthy 21-29-4 (AV)	ALU	09/510044	US6396970	US	Asynchronous Transfer Of High Speed Data Signals Through An Optoelectronic VLSI Switch	22.02.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	09/361861	US6625165	US	Data Link Protocol For Wireless Systems	27.07.1999
Kodialam 40-7 (MS)	ALU	11/316071	US7920991	US	Characterizing The Capacity Region In Multi-Channel, Multi-Radio Mesh Networks	22.12.2005
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	GB	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	SE	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	FI	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	FR	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	DE	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	20000043060	KR716439	KR	Data Link Protocol For Wireless Systems	26.07.2000

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Krishnamoorthy 7-8-9-6 (R)	ALU	573/MAS/2000	IN201619	IN	Data Link Protocol For Wireless Systems	24.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00121707.0	ZL00121707.0	CN	Data Link Protocol For Wireless Systems	25.07.2000
Kroupenkine 4 (TN)	ALU	02253224.6	EP1306702	FR	Microlens	08.05.2002
Kroupenkine 4 (TN)	ALU	02253224.6	EP1306702	DE	Microlens	08.05.2002
Kroupenkine 4 (TN)	ALU	02253224.6	EP1306702	GB	Microlens	08.05.2002
Kroupenkine 4 (TN)	ALU	10/021458	US6674940	US	Microlens	29.10.2001
Kroupenkine 8 (TN)	ALU	10/139124	US6965480	US	Method And Apparatus For Calibrating A Tunable Microlens	03.05.2002
Kroupenkine 8 (TN)	ALU	10/884592	US7006299	US	Method And Apparatus For Calibrating A Tunable Microlens	02.07.2004
Krishnamoorthy 7-8-9-6 (R)	ALU	2000224836	JP4711361	JP	Data Link Protocol For Wireless Systems	26.07.2000
Kodialam 48-51 (MS)	ALU	11/693825	US7710953	US	Method And Apparatus For Operating Fast Switches Using Slow Schedulers	30.03.2007
Kodialam 52-55-26 (MS)	ALU	201080015332.7		CN	Advertisment Scheduling In A Packet-Based Media-Delivery System	22.03.2010
Kodialam 52-55-26 (MS)	ALU	12/415392	US8250600	US	Advertisment Scheduling In A Packet-Based Media-Delivery System	31.03.2009
Kodialam 52-55-26 (MS)	ALU	2012503487	JP5816611	JP	Advertisment Scheduling In A Packet-Based Media-Delivery System	22.03.2010
Kim 4 (J)	ALU	09/515023	US6542756	US	Method For Detecting Forward Link Power Control Bits In A Communication System	29.02.2000
Kim 4-3 (KS)	ALU	09/406723	US6323950	US	Chromatic Dispersion Measurement For Optical Components	28.09.1999
Khan 1-6-10-1-35 (FU)	ALU	09/312167	US6654422	US	Efficient Automatic Repeat Request Method Using Variable Length Sequence Numbers	14.05.1999
Kramer 19-22 (GG)	ALU	201080007518.8	ZL201080007518.8	CN	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
Kramer 9-16-6 (GG)	ALU	11/897877	US7843990	US	Determining A Channel Matrix By Measuring Interference	31.08.2007
Kramer 9-16-6 (GG)	ALU	5927/CHENP/2009		IN	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	2010503011	JP5204212	JP	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	200880011167.0	ZL200880011167.0	CN	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kilper 12-11 (DC)	ALU	11/846845	US7746548	US	Optical Amplifier Transient Control With Gain Error	29.08.2007
Kilper 7-3-1-1-7 (DC)	ALU	200510087922.1	ZL10087922.1	CN	Transient-Based Channel Growth For Optical Transmission Systems	29.07.2005
Kilper 7-3-1-1-7 (DC)	ALU	10/903872	US7327958	US	Transient-Based Channel Growth For Optical Transmission Systems	30.07.2004
Kilper 7-3-1-1-7 (DC)	ALU	05254497.0	EP1624604	DE	Transient-Based Channel Growth For Optical Transmission Systems	20.07.2005
Kilper 7-3-1-1-7 (DC)	ALU	05254497.0	EP1624604	GB	Transient-Based Channel Growth For Optical Transmission Systems	20.07.2005
Kilper 7-3-1-1-7 (DC)	ALU	05254497.0	EP1624604	FR	Transient-Based Channel Growth For Optical Transmission Systems	20.07.2005
Kraml 1-1-15-2 (MH)	ALU	09/325968	US6490297	US	System And Method For Automatic Signaling Channel Identification	04.06.1999
Kramer 9-16-6 (GG)	ALU	20097020446	KR101084965	KR	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kilper 7-3-1-1-7 (DC)	ALU	2005220120	JP4612499	JP	Transient-Based Channel Growth For Optical Transmission Systems	29.07.2005
Kuipers 6-5 (R)	ALU	09/118186	US6045949	US	Aparatus For Improving The Compression Uniformity Of A Cell Stack In A Battery	17.07.1998
Kulkarni 3-122 (NA)	ALU	200780016252.1	ZL200780016252.1	CN	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Kulkarni 3-122 (NA)	ALU	5892/CHENP/2008		IN	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Kulkarni 3-122 (NA)	ALU	20087026739	KR101054680	KR	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Kulkarni 3-122 (NA)	ALU	2009509642	JP4949464	JP	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Lauer 2 (BA)	ALU	10/695086	US7570590	US	Decision Tree Logic For Determining The Optimal Value For QoS Uplink And Downlink Maximum Bitrate Attributes	28.10.2003

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Lauer 2 (BA)	ALU	04255962.5		EP	Decision Tree Logic For Determining The Optimal Value For QoS Uplink And Downlink Maximum Bitrate Attributes	29.09.2004
Lauer 2 (BA)	ALU	200410100587.X	ZL200410100587.X	CN	Decision Tree Logic For Determining The Optimal Value For QoS Uplink And Downlink Maximum Bitrate Attributes	29.09.2004
Lauer 2 (BA)	ALU	20040077843	KR101097719	KR	Decision Tree Logic For Determining The Optimal Value For QoS Uplink And Downlink Maximum Bitrate Attributes	30.09.2004
Lauer 2 (BA)	ALU	2004286001	JP4495562	JP	Decision Tree Logic For Determining The Optimal Value For QoS Uplink And Downlink Maximum Bitrate Attributes	30.09.2004
La Porta 41-5-12-2-3 (TF)	ALU	09/209705	US6763007	US	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	11.12.1998
La Porta 41-5-12-2-3 (TF)	ALU	11349357	JP3573266	JP	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	08.12.1999
La Porta 41-5-12-2-3 (TF)	ALU	99309565.2	EP1009141	SE	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	30.11.1999
Laham 2-3-1 (MA)	ALU	09/163940	US6507737	US	Method For Automatically Monitoring Continuity And Integrity Of Communication Trunks	30.09.1998
Lai 1 (MC)	ALU	09/186005	US6446087	US	System For Maintaining The Integrity Of Application Data	04.11.1998
La Porta 41-5-12-2-3 (TF)	ALU	99309565.2	EP1009141	FI	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	30.11.1999
La Porta 41-5-12-2-3 (TF)	ALU	99309565.2	EP1009141	GB	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	30.11.1999
Lavranchuk 3 (JS)	ALU	11/618257	US8210755	US	Identifiable Optical Fibers	29.12.2006
Lai 9 (Y)	ALU	09/433197	US6594715	US	Method And Apparatus For Interfacing Asymmetric Digital Subscriber Lines To A Codec	03.11.1999
Lau 2-2-37-19 (K)	ALU	10/355140	US7583637	US	Methods of Controlling Data Rate in Wireless Communications Systems	31.01.2003
Lee 11-7-5 (JA)	ALU	11/089339	US7486954	US	Method Of Controlling Load Sharing Between In-Cell And Soft Handoff Users	25.03.2005
Lanzerotti 8-75 (LJ)	ALU	200410036685.1	ZL200410036685.1	CN	Telecommunications System With Reflective Airborne Platform	28.04.2004
Lanzerotti 8-75 (LJ)	ALU	10/425963	US7403772	US	Telecommunications System With Reflective Airborne Platform	30.04.2003
Lanzerotti 8-75 (LJ)	ALU	04252280.5	EP1473851	GB	Telecommunications System With Reflective Airborne Platform	19.04.2004
Lanzerotti 8-75 (LJ)	ALU	04252280.5	EP1473851	IE	Telecommunications System With Reflective Airborne Platform	19.04.2004
Lanzerotti 8-75 (LJ)	ALU	04252280.5	EP1473851	IT	Telecommunications System With Reflective Airborne Platform	19.04.2004
Lanzerotti 8-75 (LJ)	ALU	04252280.5	EP1473851	FR	Telecommunications System With Reflective Airborne Platform	19.04.2004
Lanzerotti 8-75 (LJ)	ALU	04252280.5	EP1473851	DE	Telecommunications System With Reflective Airborne Platform	19.04.2004
Lanzone 2-1-1 (CA)	ALU	09/544748	US6295210	US	Chassis Grounding Ring For A Printed Wiring Board Mounting Aperture	07.04.2000
Kogiantis 11-6 (AG)	ALU	2002249360	JP4002157	JP	Method For Multi-Antenna Scheduling Of HDR Wireless Communication Systems	28.08.2002
Kogiantis 11-6 (AG)	ALU	20020053775	KR10925998	KR	Method For Multi-Antenna Scheduling Of HDR Wireless Communication Systems	06.09.2002
Kogiantis 11-6 (AG)	ALU	09/950913	US7558602	US	Method For Multi-Antenna Scheduling Of HDR Wireless Communication Systems	12.09.2001
Kogiantis 11-6 (AG)	ALU	02252094.4		EP	Method For Multi-Antenna Scheduling Of HDR Wireless Communication Systems	22.03.2002
Kolsrud 21 (A)	ALU	10/124297	US7039386	US	Cellular Base Station Broadcast Method and System	18.04.2002
Kong 5-10-5-4 (H)	ALU	20050029474	KR101092871	KR	Sector Switching Detection Method	08.04.2005
Kong 5-10-5-4 (H)	ALU	10/822434	US7421271	US	Sector Switching Detection Method	12.04.2004
Kong 5-10-5-4 (H)	ALU	2005114051	JP4711400	JP	Sector Switching Detection Method	12.04.2005
Kong 5-10-5-4 (H)	ALU	200510064118.1	ZL10064118.1	CN	Sector Switching Detection Method	11.04.2005
Laroia 6-24 (R)	ALU	09/843502	US6580761	US	A Decoding Technique in Discrete Multi-Tone (DMT) Based Communications Systems	26.04.2001
Koren 29-14 (U)	ALU	08/910939	US6072612	US	WDM Transmitter For Optical Networks Using A Loop-Back Spectrally-Sliced Light Emitting Device	08.08.1997
Kolsrud 9-8 (A)	ALU	09/533109	US6515599	US	High-Power Selective Signal Attenuator And Method Of Attenuation	22.03.2000
Kolsrud 9-8 (A)	ALU	255/MAS/2001	IN208687	IN	High-Power Selective Signal Attenuator And Method Of Attenuation	20.03.2001
Kolsrud 9-8 (A)	ALU	20010014577	KR850053	KR	High-Power Selective Signal Attenuator And Method Of Attenuation	21.03.2001

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Kolsrud 9-8 (A)	ALU	01111840.7	ZL01111840.7	CN	High-Power Selective Signal Attenuator And Method Of Attenuation	21.03.2001
Kolsrud 9-8 (A)	ALU	2337601	CA2337601	CA	High-Power Selective Signal Attenuator And Method Of Attenuation	19.02.2001
Leonard 2-21 (ED)	ALU	09/517980	US6359937	US	Method And Apparatus For Performing Analog Mode Operations When Transmitting Audio And Data In A Wireless TDMA System	03.03.2000
Leonard 2-21 (ED)	ALU	20010010683	KR814738	KR	Method And Apparatus For Performing Analog Mode Operations When Transmitting Audio And Data In A Wireless TDMA System	02.03.2001
Leonard 2-21 (ED)	ALU	2001056416	JP3916875	JP	Method And Apparatus For Performing Analog Mode Operations When Transmitting Audio And Data In A Wireless TDMA System	01.03.2001
Li 1-15-4-4 (Q)	ALU	09/245204	US6590873	US	Channel Structure For Forward Link Power Control	05.02.1999
Li 1-2-2 (K)	ALU	200510006547.3	ZL200510006547.3	CN	Personalized Information Subscribing And Delivering Over Instant Messaging	23.02.2005
Li 1-2-2 (K)	ALU	11/117403	US8892656	US	Personalized Information Subscribing And Delivering Over Instant Messaging	29.04.2005
Lemke 1 (MJ)	ALU	10/109027	US7136653	US	Wireless Base Station Supporting Multiple Hyperbands	28.03.2002
Leonard 7 (ED)	ALU	11/818536	US7671798	US	Optimal Combining Of Noisy Measurements	14.06.2007
Lifton 3-7-13 (VA)	ALU	10/371258	US7573723	US	Method For Attaching Chips In A Flip-Chip Arrangement	21.02.2003
Li 13-33-55 (L)	ALU	12/124332	US8243601	US	Routing Protocol For A Network Employing Multi-User Wireless Channels	21.05.2008
Li 10-31-52 (L)	ALU	12/124258	US8149752	US	Superposition Coding For Wireless Mesh Networks	21.05.2008
Li 6-9 (Q)	ALU	09/375598	US6721339	US	Method Of Providing Downlink Transmit Diversity	17.08.1999
Li 6-9 (Q)	ALU	20000047113	KR661679	KR	Method Of Providing Downlink Transmit Diversity	16.08.2000
Levy 5-1 (DS)	ALU	10/142475	US7155123	US	Method And Apparatus For Locating Faults In An Optical Network	10.05.2002
Li 10-31-52 (L)	ALU	2010516022	JP5174161	JP	Superposition Coding For Wireless Mesh Networks	26.06.2008
Li 10-31-52 (L)	ALU	200880023628.6	ZL200880023628.6	CN	Superposition Coding For Wireless Mesh Networks	26.06.2008
Li 10-31-52 (L)	ALU	20097027403	KR101595745	KR	Superposition Coding For Wireless Mesh Networks	26.06.2008
Li 10-31-52 (L)	ALU	603/CHENP/2010		IN	Superposition Coding For Wireless Mesh Networks	26.06.2008
Leuthold 4-1 (J)	ALU	09/871393	US6832053	US	3R Optical Signal Regeneration	31.05.2001
Lin 1 (I)	ALU	09/888188	US7050414	US	Method And Apparatus For Setting Up A Call Over a Packet-Based Transport Network	22.06.2001
Leven 3 (A)	ALU	200410002467.6	ZL200410002467.6	CN	Direct Optical N-State Phase Shift Keying	20.01.2004
Leven 3 (A)	ALU	200414109	JP4441275	JP	Direct Optical N-State Phase Shift Keying	22.01.2004
Leven 3 (A)	ALU	10/443328	US6798557	US	Direct Optical N-State Phase Shift Keying	22.05.2003
Lin 2-2-17 (YJ)	ALU	11/421810	US7818000	US	Selection Of A Preferred Foreign Wireless Network	02.06.2006
Lin 3 (W)	ALU	09/759685	US6952568	US	Tracking Power Levels In A Wireless Telecommunications Network	12.01.2001
Lin 5-1 (SL)	ALU	09/289070	US6360107	US	Apparatus, Method And System For Topological Channel Assignment For FocusedBeam, Fixed Wireless Telecommunications	08.04.1999
Lin 5-1 (W)	ALU	10/645807	US7769406	US	Monitoring And Adjusting Transmit Power Level(s) In A Communications System	21.08.2003
Lin 5-17 (C)	ALU	09/282236	US6405256	US	Data Streaming Using Caching Servers With Expandable Buffers And Adjustable Rate Of Data Transmission To Absorb Network Congestion	31.03.1999
Lin 9 (SL)	ALU	11/090114	US7929444	US	Communication Nodes And Methods Using Small Routers To Communicate Over A Backhaul Facility	25.03.2005
Lieuwen 9 (DF)	ALU	09/128445	US6353835	US	Technique For Effectively Maintaining Materialized Views In A Data Warehouse	03.08.1998
Lakshman 52-1-5 (TV)	ALU	11/799036	US8289851	US	Lightweight Bandwidth-Management Scheme For Elastic Traffic	30.04.2007
Liu 1-1-1-1-1 (X)	ALU	3796/CHENP/2009		IN	Method And System Of Using A Wireless Link In The Backhaul Connection	17.12.2007
Liu 1-1-1-1-1 (X)	ALU	07867789.5		EP	Method And System Of Using A Wireless Link In The Backhaul Connection	17.12.2007
Liu 1-1-1-1-1 (X)	ALU	200610130906.0	ZL200610130906.0	CN	Method And System Of Using A Wireless Link In The Backhaul Connection	29.12.2006
Liu 1-1-1-1-1 (X)	ALU	11/812786	US7948942	US	Method And System Of Using A Wireless Link In The Backhaul Connection	21.06.2007
Liu 1-1-1-1-1 (X)	ALU	2009544025	JP5137967	JP	Method And System Of Using A Wireless Link In The Backhaul Connection	17.12.2007
Liu 1-1-1-1-1 (X)	ALU	20097013592	KR101172724	KR	Method And System Of Using A Wireless Link In The Backhaul Connection	17.12.2007

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Liu 2-1 (J)	ALU	11/445291	US8010122	US	Method Of Scheduling Data Transmission For A Multi-Carrier Wireless Communication System	02.06.2006
Ma 11-10 (Z)	ALU	01301204.2	EP1191707	SE	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	12.02.2001
Ma 11-10 (Z)	ALU	01301204.2	EP1191707	FR	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	12.02.2001
Ma 11-10 (Z)	ALU	01301204.2	EP1191707	DE	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	12.02.2001
Ma 11-10 (Z)	ALU	01301204.2	EP1191707	GB	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	12.02.2001
Ma 11-10 (Z)	ALU	01301204.2	EP1191707	FI	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	12.02.2001
Ma 11-10 (Z)	ALU	2001004697	KR773028	KR	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	03.08.2001
Ma 11-10 (Z)	ALU	09/631885	US7054384	US	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	04.08.2000
Loo 2-39 (Y)	ALU	10/098202	US6946332	US	Forming Nanoscale Patterned Thin Film Metal Layers	15.03.2002
Lyons 20-5 (AM)	ALU	11/115636	US7425930	US	Light-Weight Signal Transmission Lines And Radio Frequency Antenna System	27.04.2005
Lyons 20-5 (AM)	ALU	10/697498	US7095377	US	Light-Weight Signal Transmission Lines And Radio Frequency Antenna System	30.10.2003
Ma 18-5 (Z)	ALU	10/744750	US7333567	US	Digital Detector Utilizable In Providing Closed-Loop Gain Control In A Transmitter	23.12.2003
Ma 18-5 (Z)	ALU	04257333.7	EP1548929	FR	Digital Detector Utilizable In Providing Closed-Loop Gain Control In A Transmitter	25.11.2004
Ma 18-5 (Z)	ALU	04257333.7	EP1548929	GB	Digital Detector Utilizable In Providing Closed-Loop Gain Control In A Transmitter	25.11.2004
Ma 18-5 (Z)	ALU	04257333.7	EP1548929	SE	Digital Detector Utilizable In Providing Closed-Loop Gain Control In A Transmitter	25.11.2004
Ma 18-5 (Z)	ALU	04257333.7	EP1548929	FI	Digital Detector Utilizable In Providing Closed-Loop Gain Control In A Transmitter	25.11.2004
Lou 10-2-25 (H)	ALU	09/288833	US6842724	US	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	08.04.1999
Lou 10-2-25 (H)	ALU	00302558.2	EP1043877	GB	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	28.03.2000
Lou 10-2-25 (H)	ALU	00302558.2	EP1043877	FR	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	28.03.2000
Lou 10-2-25 (H)	ALU	00302558.2	EP1043877	DE	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	28.03.2000
Lou 10-2-25 (H)	ALU	2000102549	JP3705729	JP	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	04.04.2000
Lou 7-10-36 (H)	ALU	09/280280	US6430401	US	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	29.03.1999
Lou 7-10-36 (H)	ALU	00302601.0	EP1041756	GB	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	29.03.2000
Lou 7-10-36 (H)	ALU	00302601.0	EP1041756	DE	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	29.03.2000
Lou 7-10-36 (H)	ALU	2000089513	JP4247768	JP	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	28.03.2000
Lou 7-10-36 (H)	ALU	2300579	CA2300579	CA	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	13.03.2000
Lou 7-10-36 (H)	ALU	09/290819	US6353637	US	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	13.04.1999
Loughran 5-4 (K)	ALU	2260281	CA2260281	CA	Wireless Telecommunications System Architecture Supporting Receive Diversity	25.01.1999
Loughran 5-4 (K)	ALU	991420	MX216724	MX	Wireless Telecommunications System Architecture Supporting Receive Diversity	10.02.1999
Loughran 5-4 (K)	ALU	99102302.1	ZL99102302.1	CN	Wireless Telecommunications System Architecture Supporting Receive Diversity	12.02.1999
Loughran 5-4 (K)	ALU	88100899	TWNI-121706	TW	Wireless Telecommunications System Architecture Supporting Receive Diversity	21.01.1999
Loughran 5-4 (K)	ALU	19990004337	KR0350542	KR	Wireless Telecommunications System Architecture Supporting Receive Diversity	09.02.1999
Loughran 5-4 (K)	ALU	09/023469	US6539239	US	Wireless Telecommunications System Architecture Supporting Receive Diversity	13.02.1998
Liu 18-14 (C)	ALU	09/515482	US6392999	US	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	29.02.2000
Liu 18-14 (C)	ALU	200153521	JP3630236	JP	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	28.02.2001
Lou 7-10-36 (H)	ALU	00302601.0	EP1041756	FR	Techniques For Effectively Communicating Multiple Digital Representations Of A Signal	29.03.2000

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Ma 11-10 (Z)	ALU	2001235155	JP4948717	JP	Power Amplifier Sharing In A Wireless Communication System With Transmit Diversity	02.08.2001
Ma 29-67 (Z)	ALU	20107019137	KR101261394	KR	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Ma 27-1 (Z)	ALU	11/896558	US8010099	US	Method Of Reconfiguring Sector Coverage In In-Building Communications System	04.09.2007
Lee 38-20 (CC)	ALU	10/299401	US7212506	US	System For The Secure Distribution Of Priority Call Access Codes To Provide Guaranteed Wireless Communication Service To Priority Wireless Communication Subscribers	18.11.2002
Ma 29-67 (Z)	ALU	12/010668	US8666428	US	Method To Support User Location In In-Structure Coverage Systems	29.01.2008
Ma 29-67 (Z)	ALU	2010545069	JP5490022	JP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Ma 29-67 (Z)	ALU	09705872.1		EP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Ma 29-67 (Z)	ALU	097150727	TWI452918	TW	Method To Support User Location In In-Structure Coverage Systems	25.12.2008
Lenz 14-21 (G)	ALU	01125851.9	ZL01125851.9	CN	Chalcogenide Glass Based Raman Optical Amplifier	29.08.2001
Lenz 14-21 (G)	ALU	01302211.6	EP1184943	FR	Chalcogenide Glass Based Raman Optical Amplifier	12.03.2001
Lenz 14-21 (G)	ALU	01302211.6	EP1184943	DE	Chalcogenide Glass Based Raman Optical Amplifier	12.03.2001
Lenz 14-21 (G)	ALU	01302211.6	EP1184943	GB	Chalcogenide Glass Based Raman Optical Amplifier	12.03.2001
Lenz 14-21 (G)	ALU	09/689213	US6504645	US	Chalcogenide Glass Based Raman Optical Amplifier	12.10.2000
Lee 4-14 (Y)	ALU	11/093782	US8725138	US	Methods For Network Selection And Discovery Of Service Information In Public Wireless Hotspots	30.03.2005
Lenz 8-11-36 (G)	ALU	09/287430	US6259847	US	Optical Communication System Including Broadband All-Pass Filter For Dispersion Compensation	07.04.1999
Lee 8 (JA)	ALU	10/822478	US7492741	US	Space-Time Multipath Searcher	12.04.2004
Lee 8-12 (M)	ALU	10/953907	US7391737	US	Method And Apparatus For Measuring Quality Of Service In Voice-Over-IP Network Applications Based On Speech Characteristics	29.09.2004
Madsen 15 (CK)	ALU	09/573085	US6907156	US	Reconfigurable Multi-Channel Filters Having Enhanced Channel Bandwidth	17.05.2000
Marcuse 32-80 (D)	ALU	09/166358	US6310999	US	Directional Coupler and Method Using Polymer Material	05.10.1998
Marcuse 34-82 (D)	ALU	09/166830	US6144780	US	Polymer Waveguide Switch And Method	05.10.1998
Martin 10-4 (RB)	ALU	09/305382	US6198916	US	Call Screening In Wireless Systems	05.05.1999
Martin 14 (CE)	ALU	10/812598	US7170393	US	Method And Apparatus For The Automatic Determination Of Network Cable Connections Using RFID Tags And An Antenna Grid	30.03.2004
Manzione 26-1-4 (LT)	ALU	10/188036	US7053832	US	Antenna Arrangement	03.07.2002
Liu 40-20 (X)	ALU	06250734.8	EP1696588	FR	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	10.02.2006
Liu 40-20 (X)	ALU	06250734.8	EP1696588	DE	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	10.02.2006
Liu 40-20 (X)	ALU	200610019801.8	ZL10019801.8	CN	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	27.02.2006
Liu 40-20 (X)	ALU	200651461	JP4732922	JP	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	28.02.2006
Liu 43-1-21 (X)	ALU	11/161711	US7702246	US	Optical Label Switching Scheme Employing Differential Phase-Shift Keying For Payloads And Intensity Modulation For Labels Using A Single Optical Modulator	13.08.2005
Marks 1-4 (RJ)	ALU	98308423.7	EP0912032	DE	Automatic Data Service Selection Method And Apparatus For Digital Wireless Communication Networks	15.10.1998
Marks 1-4 (RJ)	ALU	08/957634	US6434125	US	Automatic Data Service Selection Method And Apparatus For Digital Wireless Communication Networks	24.10.1997
Liu 45-22 (X)	ALU	11/162830	US7558487	US	Multilevel Amplitude And Phase Encoded Signal Generation	15.09.2005
Liu 46 (X)	ALU	11/163190	US7526210	US	Optical Demodulating Apparatus And Method	08.10.2005
Liu 46 (X)	ALU	2008534714	JP5339910	JP	Optical Demodulating Apparatus And Method	05.10.2006
Liu 46 (X)	ALU	200680037304.9	ZL200680037304.9	CN	Optical Demodulating Apparatus And Method	05.10.2006
Liu 47 (X)	ALU	11/164222	US7508889	US	Digital Apparatus For Soft Detection Of Multi-Chip DBPSK Signals	15.11.2005
Liu 50 (X)	ALU	11/307899	US7623796	US	Data-Aided Multi-Symbol Phase Estimation For Optical Differential Multilevel Phase-Shift Keying Signals	27.02.2006
Liu 25-18-17-7 (X)	ALU	04257203.2	EP1542417	GB	Duobinary Receiver	22.11.2004
Liu 25-18-17-7 (X)	ALU	04257203.2	EP1542417	FR	Duobinary Receiver	22.11.2004
Liu 25-18-17-7 (X)	ALU	04257203.2	EP1542417	DE	Duobinary Receiver	22.11.2004

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Liu 25-18-17-7 (X)	ALU	10/730413	US7613402	US	Duobinary Receiver	08.12.2003
Liu 25-18-17-7 (X)	ALU	20040101226	KR101138630	KR	Duobinary Receiver	03.12.2004
Liu 25-18-17-7 (X)	ALU	200410100212.3	ZL200410100212.3	CN	Duobinary Receiver	07.12.2004
Matusevich 1 (A)	ALU	11260088	JP3402279	JP	TDMA Communication System And Method Including Discontinuous Modulation For Reducing Adjacent And Co-Channel Interference	14.09.1999
Matusevich 1 (A)	ALU	99307096.0	EP0987835	GB	TDMA Communication System And Method Including Discontinuous Modulation For Reducing Adjacent And Co-Channel Interference	07.09.1999
Matusevich 1 (A)	ALU	99307096.0	EP0987835	FR	TDMA Communication System And Method Including Discontinuous Modulation For Reducing Adjacent And Co-Channel Interference	07.09.1999
Matusevich 1 (A)	ALU	99307096.0	EP0987835	DE	TDMA Communication System And Method Including Discontinuous Modulation For Reducing Adjacent And Co-Channel Interference	07.09.1999
Marom 25 (DM)	ALU	11/241853	US7372607	US	Apparatus For Reducing Drops In A Transmission Spectrum Due To Inter-Pixel Gaps	01.10.2005
Marom 26-19 (DM)	ALU	11/241830	US7262898	US	Apparatus For Reducing Drops In A Transmission Spectrum Due To Inter-Pixel Gaps	01.10.2005
Marom 6 (DM)	ALU	10/621556	US6867920	US	Optical Beam-Steering Switching System Having Beam Coupling Control	17.07.2003
Matusevich 1 (A)	ALU	09/156761	US7082113	US	TDMA Communication System And Method Including Discontinuous Modulation For Reducing Adjacent And Co-Channel Interference	18.09.1998
Matusevich 3 (A)	ALU	09/095173	US6119016	US	Synchronizing Base Stations In A Wireless Telecommunications System	10.06.1998
Matusevich 3 (A)	ALU	19990020903	KR512543	KR	Synchronizing Base Stations In A Wireless Telecommunications System	07.06.1999
Matusevich 3 (A)	ALU	163168/1999	JP3561180	JP	Synchronizing Base Stations In A Wireless Telecommunications System	10.06.1999
Liu 25-18-17-7 (X)	ALU	2004354755	JP4629423	JP	Duobinary Receiver	08.12.2004
Liu 4-12 (S)	ALU	09/659877	US6504517	US	Variable Sectorization Tower Top Applique For Base Stations	12.09.2000
Liu 40-20 (X)	ALU	11/068349	US7489874	US	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	28.02.2005
Liu 40-20 (X)	ALU	06250734.8	EP1696588	GB	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	10.02.2006
Meier 1 (SK)	ALU	09/088750	US6201969	US	Control Of Handoff In CDMA Cellular Systems	02.06.1998
Meier 1 (SK)	ALU	32275/99	AU748260	AU	Control Of Handoff In CDMA Cellular Systems	27.05.1999
Meier 1 (SK)	ALU	11153697	JP4145424	JP	Control Of Handoff In CDMA Cellular Systems	01.06.1999
Meier 1 (SK)	ALU	19990019680	KR312538	KR	Control Of Handoff In CDMA Cellular Systems	31.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	GB	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	SE	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	FI	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	FR	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	DE	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	446/MAS/99	IN216652	IN	Control Of Handoff In CDMA Cellular Systems	21.04.1999
McBride 1 (CJ)	ALU	10/103419	US6715930	US	Optical Fiber Shutter Adapter	21.03.2002
Metz 12 (C)	ALU	11/168781	US7483606	US	Planar Power Splitter	28.06.2005
McHarg 7-2 (CG)	ALU	10/319191	US7251267	US	System And Method For Determining A Best Round Trip Delay Indicator	13.12.2002
Menten 2 (LE)	ALU	11/323743	US7805757	US	Control Of Communication Session Attributes In Network Employing Firewall Protection	30.12.2005
Menten 4 (LE)	ALU	12/143914	US8320372	US	Processing Of Packet Fragments	23.06.2008
Mailaender 7-17 (LE)	ALU	10/160126	US7421039	US	Method And System For Employing Antenna Arrays	04.06.2002
Mailhot 5-1-1-1-3 (JN)	ALU	10/199236	US7286571	US	Systems And Methods For Providing On-Demand Datacasting	19.07.2002
Malek 1-5 (M)	ALU	08/936386	US6253207	US	Method And Apparatus For Transporting Multimedia Information Over Heterogeneous Wide Area Networks	25.09.1997
Malhotra 10 (R)	ALU	3369/CHENP/2010		IN	Controlling Congestion In A Packet Switched Data Network	24.11.2008
Malhotra 10 (R)	ALU	2010536351	JP5325231	JP	Controlling Congestion In A Packet Switched Data Network	24.11.2008
Malhotra 10 (R)	ALU	200810179791.3	ZL200810179791.3	CN	Controlling Congestion In A Packet Switched Data Network	05.12.2008
Malhotra 10 (R)	ALU	12/315472	US8072888	US	Controlling Congestion In A Packet Switched Data Network	03.12.2008
Malhotra 10 (R)	ALU	20107012923	KR10-1467614	KR	Controlling Congestion In A Packet Switched Data Network	24.11.2008
Meyers 34-13-41 (MH)	ALU	20040032270	KR101092870	KR	Power Control Method With DTX Frame Detection For A Communication Channel	07.05.2004

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Mahajan 1 (S1)	ALU	10/060752	US7130280	US	Enhanced Call Service Packet Data Terminal	30.01.2002
Meyers 34-13-41 (MH)	ALU	2004145275	JP4463001	JP	Power Control Method With DTX Frame Detection For A Communication Channel	14.05.2004
Meyers 34-13-41 (MH)	ALU	04252625.1	EP1478103	GB	Power Control Method With DTX Frame Detection For A Communication Channel	05.05.2004
Meyers 34-13-41 (MH)	ALU	04252625.1	EP1478103	FR	Power Control Method With DTX Frame Detection For A Communication Channel	05.05.2004
Meyers 34-13-41 (MH)	ALU	04252625.1	EP1478103	DE	Power Control Method With DTX Frame Detection For A Communication Channel	05.05.2004
Meyers 34-13-41 (MH)	ALU	10/438105	US7224993	US	Power Control Method With DTX Frame Detection For A Communication Channel	15.05.2003
Meyer 2 (JA)	ALU	11/045647	US7227465	US	Security Bar With Fiber Optic Cable Based Security Monitoring	28.01.2005
Meyer 3-1 (G)	ALU	11/394259	US8849109	US	Fault Isolation And Provisioning For Optical Switches	30.03.2006
Mikkelsen 1-4 (BP)	ALU	09/499132	US6614582	US	Optical Regeneration And Wavelength Conversion Using Semi-Conductor Optical Amplifier Based Interferometers	07.02.2000
Meyers 46-21-44 (MH)	ALU	11/221329	US8219106	US	Reverse Link Load Control	07.09.2005
Mendiratta 1-10-8 (VB)	ALU	11/316531	US7493121	US	Processing Calls From Wireless Handsets To Toll-Free Telephone Numbers	22.12.2005
Mills 16 (AP)	ALU	09/888878	US6542397	US	Read Only Memory Structure	25.06.2001
Mizuhara 7 (O)	ALU	09/411118	US6522438	US	High-Speed Optical Duobinary Modulation Scheme	04.10.1999
McKinstrie 8 (CJ)	ALU	11/154483	US7483203	US	Phase-Sensitive Amplification In A Fiber	16.06.2005
McKinstrie 8 (CJ)	ALU	11/750252	US7724421	US	Phase-Sensitive Amplification In A Fiber	17.05.2007
Moeller 26 (LB)	ALU	11/525787	US7929580	US	Inexpensive Terahertz Pulse Wave Generator	22.09.2006
Moeller 26 (LB)	ALU	2009527467	JP5197605	JP	Inexpensive Terahertz Pulse Wave Generator	19.09.2007
Moeller 26 (LB)	ALU	07838502.8	EP2069759	EP	Inexpensive Terahertz Pulse Wave Generator	19.09.2007
McKinstrie 9 (CJ)	ALU	11/172104	US7630126	US	Two-Pump Optical Parametric Devices Having Reduced Stimulated Raman Scattering Noise Levels	30.06.2005
Moeller 26 (LB)	ALU	20097005803	KR101050631	KR	Inexpensive Terahertz Pulse Wave Generator	19.09.2007
Moeller 26 (LB)	ALU	200780034603.1	ZL200780034603.1	CN	Inexpensive Terahertz Pulse Wave Generator	19.09.2007
Moeller 3 (LBE)	ALU	09/273949	US6456408	US	Method And Apparatus For Controlling The Optical Power Of An Optical Transmission Signal	22.03.1999
McCormick 14-6 (MA)	ALU	09/546248	US6731943	US	System For Efficient Mobile Subscriber Station Paging In Cellular Mobile Telecommunication Networks	10.04.2000
McGowan 23-16 (JW)	ALU	11/819970	US8036642	US	Wireless Network And Method Of Transmitting Content From Locally Stored Server	29.06.2007
McGowan 24-17 (JW)	ALU	11/819969	US8433292	US	Network Based Mobile User Proxy And Agent	29.06.2007
Mooney 9-42-27 (CF)	ALU	20097019503	KR101097033	KR	Low Cost End To End Solution For Multicast Short Messaging	18.03.2008
Mooney 9-42-27 (CF)	ALU	11/837028	US8165072	US	Low Cost End To End Solution For Multicast Short Messaging	10.08.2007
Mooney 9-42-27 (CF)	ALU	2009554551	JP5086376	JP	Low Cost End To End Solution For Multicast Short Messaging	18.03.2008
McCormick 7-3 (MA)	ALU	09/200333	US6169894	US	Apparatus, Meethod And System For Mobile Broadcast Of Information SpecificTo A Geographic Region	25.11.1998
Mazzarella 2-9 (NJ)	ALU	09/773572	US6819921	US	Method Of Subscriber Initiated Porting Of A Wireless Number For A Mobile Station	02.02.2001
Morrison 7-18-10 (JA)	ALU	11/080961	US7610058	US	Reverse Loop Protocol	15.03.2005
McKinstrie 1-4 (CJ)	ALU	11/068555	US7164526	US	Parametric Amplification Using Two Pump Waves	28.02.2005
Nagarajan 16-13-2 (R)	ALU	09/687348	US7099327	US	Data Communications Networks With High Performance And Reliability	12.10.2000
Nagarajan 19-1-14-30 (R)	ALU	10/261090	US7406082	US	Sequence Number Schemes For Acceptance/Rejection Of Duplicated Packets In A Packet-Based Data Network	30.09.2002
Nagesh 10-26-12-10-40 (HS)	ALU	10/785352	US7440404	US	Load Balancing Method And Apparatus For Ethernet Over Sonet And Other Types Of Networks	24.02.2004
Mujtaba 7 (SA)	ALU	2287004	CA2287004	CA	Method And Apparatus For Wireless Communication Using Time Division DuplexTime-Slotted CDMA	19.10.1999
Mujtaba 7 (SA)	ALU	11333384	JP3950272	JP	Method And Apparatus For Wireless Communication Using Time Division DuplexTime-Slotted CDMA	24.11.1999
Mujtaba 7 (SA)	ALU	09/200522	US6542485	US	Method And Apparatus For Wireless Communication Using Time Division DuplexTime-Slotted CDMA	25.11.1998
Mueckenheim 24-13 (J)	ALU	11/025668	US7471654	US	Channel Assignment Based On Service Type And Wireless Communication Environment	29.12.2004
Murphy 3-33 (TO)	ALU	09/439016	US6538780	US	Apparatus And Method For Reducing The Number Of Control Elements For Crosstalk Reduction Device In An Optical Switching Network	12.11.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Mukherjee 2-29 (S)	ALU	10/279310	US7426195	US	Method And Apparatus For Providing User Identity Based Routing In A Wireless Communications Environment	24.10.2002
Mukherjee 25-1 (S)	ALU	12/270990	US8381258	US	Creating Channel Sequence Segments For Fast Channel Change In IPTV	14.11.2008
Mukherjee 8-3-13 (S)	ALU	10/880753	US7400611	US	Discovery Of Border Gateway Protocol (BGP) Multi-Protocol Label Switching (MPLS) Virtual Private Networks (VPNs)	30.06.2004
Nexabit 11	ALU	09/200377	US6272567	US	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	24.11.1998
Nexabit 11	ALU	99952738.5	EP1177558	GB	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 11	ALU	99952738.5	EP1177558	IT	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 11	ALU	99952738.5	EP1177558	SE	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nagaraj 4 (S)	ALU	10/853102	US7453821	US	Methods Of Detecting Signaling Information In A Wireless Communication System	26.05.2004
Mujtaba 1 (SA)	ALU	08/970987	US6091781	US	Single Sideband Transmission Of QPSK, QAM and Other Signals	14.11.1997
Mujtaba 1 (SA)	ALU	10323636	JP3432156	JP	Single Sideband Transmission Of QPSK, QAM and Other Signals	13.11.1998
Mujtaba 1 (SA)	ALU	98308978.0	EP0917325	FR	Single Sideband Transmission Of QPSK, QAM and Other Signals	03.11.1998
Mujtaba 1 (SA)	ALU	98308978.0	EP0917325	DE	Single Sideband Transmission Of QPSK, QAM and Other Signals	03.11.1998
Mujtaba 1 (SA)	ALU	98308978.0	EP0917325	GB	Single Sideband Transmission Of QPSK, QAM and Other Signals	03.11.1998
Neilson 13 (DT)	ALU	11/280091	US7203400	US	Dispersion Compensator	16.11.2005
Neilson 24 (DT)	ALU	11/614325	US8750723	US	Generation Of A Full-Rate Optical Duobinary Signal Using Half-Rate Electrical Binary Signals	21.12.2006
Nagarajan 16-13-2 (R)	ALU	2001311455	JP3901977	JP	Data Communications Networks With High Performance And Reliability	09.10.2001
Nagarajan 16-13-2 (R)	ALU	01303932.6	EP1198157	GB	Data Communications Networks With High Performance And Reliability	30.04.2001
Nexabit 11	ALU	99952738.5	EP1177558	FR	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 11	ALU	99952738.5	EP1177558	DE	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 2	ALU	08/901502	US6212597	US	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	28.07.1997
Nexabit 2	ALU	98932443.9	EP1015989	FR	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	98932443.9	EP1015989	GB	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	98807724.8	ZL98807724.8	CN	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	82367/98	AU748133	AU	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Mitra 27-3 (D)	ALU	08726113.7		EP	Time Scale Separated Network Management And Network Provisioning Optimizations	26.02.2008
Mitra 27-3 (D)	ALU	11/679515	US8953938	US	Time Scale Separated Network Management And Network Provisioning Optimizations	27.02.2007
Nexabit 2	ALU	01101019.4	HK1030281	HK	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	2000504513	JP4046943	JP	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 4	ALU	09/038720	US6085290	US	Method of and Apparatus for Validating Data Read Put of a Memory Multi Port Internally Cached Dynamic Random Access Memory (AMPIC DRAM)	10.03.1998

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Nair 3-11-13 (SP)	ALU	200510118677.6	ZL200510118677.6	CN	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	07.11.2005
Nair 3-11-13 (SP)	ALU	20050105845	KR101210236	KR	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	07.11.2005
Nair 3-11-13 (SP)	ALU	10/984020	US7848749	US	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	08.11.2004
Minkoff 2 (J)	ALU	09/004577	US5926135	US	Steerable ing Of Wideband Interference Signals	08.01.1998
Minkoff 5 (J)	ALU	09/630170	US6434235	US	Acoustic Echo Canceler	01.08.2000
Nexabit 2	ALU	98932443.9	EP1015989	DE	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Ng 12 (H)	ALU	11/456428	US7952109	US	Light-Emitting Crystal Structures	10.07.2006
Nair 3-11-13 (SP)	ALU	05256620.5	EP1655985	FR	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	25.10.2005
Nair 3-11-13 (SP)	ALU	05256620.5	EP1655985	DE	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	25.10.2005
Nair 3-11-13 (SP)	ALU	05256620.5	EP1655985	GB	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	25.10.2005
Narayanaswamy 1-11 (S)	ALU	10/289082	USRE40821	US	Multi-Display Electronic Devices Having Open And Closed Configurations	06.11.2002
Niu 2-5-2-2 (Z)	ALU	11/702553	US9204363	US	Method Of Sending Data	06.02.2007
Nuss 32-27 (MC)	ALU	10/252904	US7483432	US	GigaChannel Architecture Compatability With 10G Standard	23.09.2002
Nordin 6-23-20 (RA)	ALU	2001210517	JP4875258	JP	DSL-Compatible POTS Line Card	11.07.2001
Nordin 6-23-20 (RA)	ALU	09/617446	US6836509	US	DSL-Compatible POTS Line Card	17.07.2000
Nordin 6-23-20 (RA)	ALU	01300758.8	EP1175077	DE	DSL-Compatible POTS Line Card	29.01.2001
Nordin 6-23-20 (RA)	ALU	01300758.8	EP1175077	GB	DSL-Compatible POTS Line Card	29.01.2001
Nordin 6-23-20 (RA)	ALU	01300758.8	EP1175077	NL	DSL-Compatible POTS Line Card	29.01.2001
Nordin 6-23-20 (RA)	ALU	01300758.8	EP1175077	FR	DSL-Compatible POTS Line Card	29.01.2001
Pancha 5-12 (P)	ALU	08/947703	US6148005	US	A Layered Video Multicast Transmission System With Retransmission-Based Error Recovery	09.10.1997
Pai 26-15-8 (C)	ALU	10/789091	US6967326	US	Mass Spectrometers On Wafer-Substrates	27.02.2004
Pai 26-15-8 (C)	ALU	200549892	JP4495616	JP	Mass Spectrometers On Wafer-Substrates	25.02.2005
Mueckenheim 33-2-1 (J)	ALU	11/388374	US8103284	US	Method For Reporting Uplink Load Measurements	24.03.2006
Ozarow 9-33-7 (LH)	ALU	20050131914	KR10-1162781	KR	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	28.12.2005
Ozarow 9-33-7 (LH)	ALU	2005371536	JP4959187	JP	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	26.12.2005
Ozarow 9-33-7 (LH)	ALU	200510134184.1	ZL10134184.1	CN	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	27.12.2005
Ozarow 9-33-7 (LH)	ALU	11/023991	US7454225	US	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	28.12.2004
Ozarow 9-33-7 (LH)	ALU	05257738.4	EP1677433	GB	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	15.12.2005
Ozarow 9-33-7 (LH)	ALU	05257738.4	EP1677433	FR	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	15.12.2005
Ozarow 9-33-7 (LH)	ALU	05257738.4	EP1677433	DE	Method And Apparatus For Reducing Transmitted Energy In Power-Controlled Systems Based On Early Decoding	15.12.2005
Pfleging 11-16-1 (GW)	ALU	11/207679	US8160220	US	Ring Tone Selected By Calling Party Or Third Party Played To Called Party	18.08.2005
Pfleging 11-16-1 (GW)	ALU	11/087442	US7792264	US	Ring Tone Selected By Calling Party Or Third Party Played To Called Party	23.03.2005
Patel 13-1 (S)	ALU	09/175178	US7174013	US	Efficient Universal Hashing Method	20.10.1998
Patel 13-1 (S)	ALU	19990045522	KR662934	KR	Efficient Universal Hashing Method	20.10.1999
Patel 13-1 (S)	ALU	99308032.4	EP0996092	FR	Efficient Universal Hashing Method	12.10.1999
Patel 13-1 (S)	ALU	99308032.4	EP0996092	DE	Efficient Universal Hashing Method	12.10.1999
Patel 13-1 (S)	ALU	99308032.4	EP0996092	GB	Efficient Universal Hashing Method	12.10.1999
Philips 1	ALU	09/083220	US6163828	US	Methods and Apparatus for Providing Multi-Processor Access to Shared Memory	22.05.1998
Philips 3	ALU	09/099251	US6272327	US	High Power Wireless Telephone With Over-Voltage Protection	18.06.1998
Norr 1 (WM)	ALU	09/364432	US7085377	US	Information Delivery In A Multi-Stream Digital Broadcasting System	30.07.1999
Picha 2-1 (M)	ALU	10/444002	US7181219	US	Wireless Handover Model Using Anchor Termination	22.05.2003
Nuzman 12-13 (CJ)	ALU	2009-530378	JP4829348	JP	Admission Control Of Sessions With Preference Lists	21.09.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Nuzman 12-13 (CJ)	ALU	11/541276	US7751320	US	Admission Control Of Sessions With Preference Lists	30.09.2006
Nuzman 12-13 (CJ)	ALU	200780036420.3	ZL200780036420.3	CN	Admission Control Of Sessions With Preference Lists	21.09.2007
Nuzman 12-13 (CJ)	ALU	20097006503	KR101054175	KR	Admission Control Of Sessions With Preference Lists	21.09.2007
Nuzman 18 (CJ)	ALU	12/230081	US7801017	US	Communciation System For Improved Crosstalk Estimation And Method Thereof	22.08.2008
Peelen 2-1 (BF)	ALU	10/133781	US7177273	US	Communication System With A Shared Medium	26.04.2002
Pfeiffer 26 (LN)	ALU	11/355360	US7619257	US	Devices Including Graphene Layers Epitaxially Grown On Single Crystal Substrates	16.02.2006
Pfeiffer 26 (LN)	ALU	07750499.1		EP	Devices Including Graphene Layers Epitaxially Grown On Single Crystal Substrates	13.02.2007
Pfeiffer 26 (LN)	ALU	2008555294	JP5265385	JP	Devices Including Graphene Layers Epitaxially Grown On Single Crystal Substrates	13.02.2007
Pfeiffer 26 (LN)	ALU	20087019823	KR101351691	KR	Devices Including Graphene Layers Epitaxially Grown On Single Crystal Substrates	13.02.2007
Pfeiffer 26 (LN)	ALU	200780005630.6	ZL200780005630.6	CN	Devices Including Graphene Layers Epitaxially Grown On Single Crystal Substrates	13.02.2007
Pelletier 2 (LE)	ALU	10/231558	US6908357	US	System For Frame Selector Migration In 3G Cellular Networks	30.08.2002
Presby 77 (HM)	ALU	09/852199	US6534741	US	Extended Optical Fiber And Method	09.05.2001
Prasanna 5 (GS)	ALU	09/063919	US6219390	US	Adaptive Interference Canceller Using Digital Control Techniques	21.04.1998
Posthuma 5-10 (CR)	ALU	99309849.0	EP1014658	DE	Method To Pre-Qualify Copper Loops For ADSL Service	07.12.1999
Posthuma 5-10 (CR)	ALU	363590/1999	JP3649979	JP	Method To Pre-Qualify Copper Loops For ADSL Service	22.12.1999
Raddatz 2 (L)	ALU	10/851582	US7072029	US	Method And Apparatus For Testing Optical Fiber Cables	21.05.2004
Raddatz 3 (L)	ALU	11/027847	US7542678	US	Method And Apparatus For A Supervisory Channel In A WDM Fiber-Optic Communication System	30.12.2004
Posthuma 15 (CR)	ALU	09/364154	US6456694	US	Method For Prequalifying Subscriber Lines For High Speed Data Service	30.07.1999
Posthuma 21 (CR)	ALU	09/565145	US6459773	US	System To Pre-Qualify Copper Subscriber Loops For High Bandwidth Access Service Using Subscriber Or Network Generated Tones	05.05.2000
Posthuma 26 (CR)	ALU	2001287726	JP3905733	JP	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	20.09.2001
Posthuma 26 (CR)	ALU	01303329.5	EP1193958	GB	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	09.04.2001
Posthuma 26 (CR)	ALU	01303329.5	EP1193958	FR	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	09.04.2001
Posthuma 26 (CR)	ALU	01303329.5	EP1193958	DE	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	09.04.2001
Posthuma 26 (CR)	ALU	01140934.7	ZL01140934.7	CN	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	27.09.2001
Posthuma 26 (CR)	ALU	2357565	CA2357565	CA	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	17.09.2001
Posthuma 26 (CR)	ALU	09/675884	US6496566	US	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	29.09.2000
Pingali 3 (SV)	ALU	09/012393	US6005610	US	Audio-Visual ObjectLocalization And Tracking System And Method Thereof	23.01.1998
Posthuma 30 (CR)	ALU	02254379.7	EP1283655	FR	Maximizing DSL Throughput	24.06.2002
Posthuma 30 (CR)	ALU	02254379.7	EP1283655	DE	Maximizing DSL Throughput	24.06.2002
Posthuma 30 (CR)	ALU	02254379.7	EP1283655	GB	Maximizing DSL Throughput	24.06.2002
Posthuma 39 (CR)	ALU	10/957297	US7676031	US	A Method And Apparatus For Selectively Terminating Current In A Subscriber Line (DSL) Modem	30.09.2004
Posthuma 5-10 (CR)	ALU	09/218970	US6349130	US	Method To Pre-Qualify Copper Loops For ADSL Service	22.12.1998
Posthuma 5-10 (CR)	ALU	19990057809	KR629096	KR	Method To Pre-Qualify Copper Loops For ADSL Service	15.12.1999
Posthuma 5-10 (CR)	ALU	99309849.0	EP1014658	GB	Method To Pre-Qualify Copper Loops For ADSL Service	07.12.1999
Posthuma 5-10 (CR)	ALU	99309849.0	EP1014658	FR	Method To Pre-Qualify Copper Loops For ADSL Service	07.12.1999
Rahman 3 (MA)	ALU	09/393300	US7171199	US	Method And system For Directing A Data Message In A Wireless Communications Network Including Multiple Wireless Systems	10.09.1999
Rahman 3 (MA)	ALU	20000052722	KR656108	KR	Method And system For Directing A Data Message In A Wireless Communications Network Including Multiple Wireless Systems	06.09.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Ranka 2-9 (JK)	ALU	09/313006	US6097870	US	Article Utilizing Optical Waveguides With Anomalous Dispersion At Vis-Nir Wavelengths	17.05.1999
Pullela 1 (R)	ALU	10/033525	US7009438	US	Single State Voltage Controlled Ring Oscillator	28.12.2001
Rao 28 (AM)	ALU	11/973025	US9510360	US	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	06.10.2007
Rao 28 (AM)	ALU	20107007334	KR101421429	KR	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
Rao 28 (AM)	ALU	1804/CHENP/2010	IN282540	IN	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
Rao 28 (AM)	ALU	200880110026.4	ZL200880110026.4	CN	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
Rao 28 (AM)	ALU	2010527949	JP5368456	JP	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
Rao 4-34 (SA)	ALU	2011502933	JP5147988	JP	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	200980112128.4	ZL200980112128.4	CN	Method For Routing Via Access Terminals	18.03.2009
Ramakrishna 7-39 (S)	ALU	11/070437	US7869416	US	Method For Enabling Use Of Secondary Pilot Signals Across A Forward Link Of A CDMA Network Employing A Slotted Tranmission Scheme And Time Multiplexed Pilot Channel	02.03.2005
Patel 2 (NC)	ALU	11215759	JP3396185	JP	Apparatus For Protecting Connectors On Circuit Packs	29.07.1999
Patel 2 (NC)	ALU	09/127244	US5999411	US	Apparatus For Protecting Connectors On Circuit Packs	31.07.1998
Rao 4-34 (SA)	ALU	6547/CHENP/2010		IN	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	20107024348	KR101302631	KR	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	12/286417	US8520559	US	Method For Routing Via Access Terminals	30.09.2008
Patfield 3 (KM)	ALU	10/714201	US7123286	US	Presence Detection For IP Telephony	14.11.2003
Pattabhiraman 2-26-17 (RV)	ALU	11/823671	US7990900	US	Event Notification Control Based On Data About A User's Communication Device Stored In A User Notification Profile	28.06.2007
Rashid-Farrokhi 2-12 (F)	ALU	09/188021	US6304750	US	Space-Time Diversity Receiver For Wireless Systems	06.11.1998
Rashid-Farrokhi 2-12 (F)	ALU	99308679.2	EP0999652	GB	Space-Time Diversity Receiver For Wireless Systems	02.11.1999
Rashid-Farrokhi 2-12 (F)	ALU	314758/1999	JP3634696	JP	Space-Time Diversity Receiver For Wireless Systems	05.11.1999
Rajan 4-25 (GN)	ALU	09/882119	US7170893	US	Technique For Selecting The Number Of Packets To Be Concatenated	15.06.2001
Rahman 7 (MA)	ALU	09/324177	US6434390	US	Macrodiversity Control System Having Macrodiversity Mode Based On Operating Category Of Wireless Unit	03.06.1999
Qiu 5 (RC)	ALU	09/640316	US6785351	US	Method And System For Doppler Frequency Estimation	16.08.2000
Radic 3 (S)	ALU	10/127189	US6781749	US	Interleaving Combiner For A Bidirectional Wavelength-Division Multiplexing System	22.04.2002
Rajan 8 (GN)	ALU	6759/CHENP/2008		IN	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	08.06.2007
Rajan 8 (GN)	ALU	200780022282.3	ZL200780022282.3	CN	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	08.06.2007
Rajan 8 (GN)	ALU	11/454081	US7787875	US	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	15.06.2006
Rajan 8 (GN)	ALU	07795947.6		EP	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	08.06.2007
Qutub 1-1 (SS)	ALU	05254999.5	EP1628448	GB	Spam Filtering For Mobile Communication Devices	11.08.2005
Qutub 1-1 (SS)	ALU	05254999.5	EP1628448	FR	Spam Filtering For Mobile Communication Devices	11.08.2005
Qutub 1-1 (SS)	ALU	05254999.5	EP1628448	DE	Spam Filtering For Mobile Communication Devices	11.08.2005
Qutub 1-1 (SS)	ALU	10/920005	US8190686	US	Spam Filtering For Mobile Communication Devices	17.08.2004
Qutub 1-1 (SS)	ALU	2005235588	JP4917776	JP	Spam Filtering For Mobile Communication Devices	16.08.2005
Rahman 7 (MA)	ALU	20000030388	KR696899	KR	Macrodiversity Control System Having Macrodiversity Mode Based On Operating Category Of Wireless Unit	02.06.2000
Rahman 7 (MA)	ALU	2000166159	JP3954284	JP	Macrodiversity Control System Having Macrodiversity Mode Based On Operating Category Of Wireless Unit	02.06.2000
Rai 3-1 (V)	ALU	10/671235	US7068993	US	Method And Apparatus For Packetized Supplemental Wireless Distress Signaling	25.09.2003
Raghavan 4-5-8 (N)	ALU	11/343647	US7167299	US	Method And Apparatus For Controlling Pump Powers Of Broadband Raman Amplifiers In Optical Transmission Systems Incorporating Virtual Channels To Reduce Noise	31.01.2006
Rajkumar 5 (A)	ALU	09/315621	US8042034	US	Database With Linked Audio File	20.05.1999
Reddy 1 (AK)	ALU	09/874876	US7065145	US	Digital Carrierless Amplitude And Phase Modulation (CAP) Transmitter Using Vector Arithmetic Structure (VAS)	05.06.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Rauh 1-1 (MJ)	ALU	10/448148	US7197086	US	Wide-Bandwidth, High-Dynamic-Range Linear Amplifier For A CDMA Transmitter In A Wireless Base Station	29.05.2003
Reents 11-1 (WD)	ALU	10/251352	US6784423	US	Characterization Of Individual Particle Atomic Composition By Aerosol Mass Spectrometry	20.09.2002
Riazi 4-12-4 (H)	ALU	10/763595	US7359312	US	Method And Apparatus For Identifying An Orthogonal Frequency Division Multiplexing (OFDM) Terrestrial Repeater Using Inactive Sub-Carriers	23.01.2004
Riazi 4-12-4 (H)	ALU	2000279016	JP4105374	JP	Method And Apparatus For Identifying An Orthogonal Frequency Division Multiplexing (OFDM) Terrestrial Repeater Using Inactive Sub-Carriers	14.09.2000
Riazi 4-12-4 (H)	ALU	2317973	CA2317973	CA	Method And Apparatus For Identifying An Orthogonal Frequency Division Multiplexing (OFDM) Terrestrial Repeater Using Inactive Sub-Carriers	08.09.2000
Reith 1-8 (LA)	ALU	12/250374	US8811789	US	Optical Transmission Fiber With Thermal Management For High Power Applications	13.10.2008
Reith 1-8 (LA)	ALU	10/379147	US7010204	US	Optical Transmission Fiber With Thermal Management For High Power Applications	04.03.2003
Reith 1-8 (LA)	ALU	11/249995	US7551823	US	Optical Transmission Fiber With Thermal Management For High Power Applications	13.10.2005
Richton 2-27 (RE)	ALU	09/544415	US6281837	US	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	06.04.2000
Richton 2-27 (RE)	ALU	98306991.5	EP0902554	DE	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	01.09.1998
Richton 2-27 (RE)	ALU	98306991.5	EP0902554	GB	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	01.09.1998
Richton 2-27 (RE)	ALU	98306991.5	EP0902554	FR	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	01.09.1998
Rege 8 (KM)	ALU	09/052696	US6434124	US	Adaptive Symbol Error Count Based Technique For CDMA Reverse Link Outer Loop Power Control	31.03.1998
Richton 2-27 (RE)	ALU	9837524	KR0323156	KR	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	11.09.1998
Richton 2-27 (RE)	ALU	10252833	JP3294202	JP	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	07.09.1998
Richton 2-27 (RE)	ALU	2245798	CA2245798	CA	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	25.08.1998
Richton 2-27 (RE)	ALU	08/927434	US6114991	US	An Auxiliary System For Assisting A Wireless Terminal In Determining Its Position From Signals Transmitted From A Navigation Satellite	11.09.1997
Rowe 1 (WJ)	ALU	09/660027	US7088733	US	Cable Modem Termination System For Upstream Frequency Band	12.09.2000
Riverstone 32 ()	ALU	10/321924	US7366174	US	Adaptive Classification Of Network Traffic	17.12.2002
Riverstone 32 ()	ALU	03796592.8	EP1573966	FR	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 32 ()	ALU	03796592.8	EP1573966	DE	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 32 ()	ALU	03796592.8	EP1573966	GB	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 73 ()	ALU	10/340083	US7280472	US	Protection Switching At A Network Node	10.01.2003
Roy 1 (A)	ALU	10/762022	US7706353	US	Congestion Control In Connection-Oriented Packet-Switching Networks	21.01.2004
Roy 156-26 (PK)	ALU	09/597907	US6521496	US	Non-Volatile Memory Semiconductor Device Including a Graded, Grown, High Quality Control Gate Oxide Layer And Associated Methods	20.06.2000
Robbins 1 (CF)	ALU	09/174365	US6104784	US	Arrangement For Communicating Between Public Safety Answering Points And An Automatic Location Identifier Database	15.10.1998
Rollender 2 (DH)	ALU	99301784.7	EP0944276	SE	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	99301784.7	EP0944276	FI	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	99301784.7	EP0944276	FR	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	88102848	TWNI-125650	TW	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	25.02.1999
Rollender 2 (DH)	ALU	19990008596	KR574572	KR	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	15.03.1999

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Roy 158-28 (PK)	ALU	09/597286	US6509230	US	Non-Volatile Memory Semiconductor Device Including A Graded, Grown, High Quality Oxide Layer And Associated Methods	20.06.2000
Roy 2 (A)	ALU	11/027297	US7535843	US	Method, Apparatus And System For Granular Policing Based On Multiple Arrival Curves	30.12.2004
Roe 2 (BC)	ALU	10/951420	US6979964	US	Apparatus For Applying DC Power To An Inductive Load	28.09.2004
Riverstone 34 ()	ALU	10/056159	US7023856	US	Method and System For Providing Differentiated Service on a Per-VC Basis	24.01.2002
Riverstone 43 ()	ALU	10/453975	US7525917	US	Flow Control In A Distributed Scalable Shared Memory Switching Fabric System	04.06.2003
Posthuma 15 (CR)	ALU	2000228344		JP	Method For Prequalifying Subscriber Lines For High Speed Data Service	28.07.2000
Posthuma 15 (CR)	ALU	20000044196	KR758832	KR	Method For Prequalifying Subscriber Lines For High Speed Data Service	31.07.2000
Rollender 27 (DH)	ALU	11/073700	US7565131	US	Emergency Call Back Through Intersystem Paging	08.03.2005
Riverstone 80 ()	ALU	10/369432	US7450507	US	Hierarchal Rate-Limiting At A Network Node That Utilizes An Infinity Rate-Limit Check	19.02.2003
Riverstone 83 ()	ALU	10/925624	US7701936	US	Obtaining Path Information Related to a Bridged Network	25.08.2004
Riverstone 89 ()	ALU	11/036909	US7443856	US	Managing Processing Utilization In A Network Node	14.01.2005
Riverstone 32 ()	ALU	200380106500.3	ZL200380106500.3	CN	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 47 ()	ALU	10/439681	US7474668	US	Flexible Multilevel Output Traffic Control	16.05.2003
Riverstone 48 ()	ALU	10/370670	US7349336	US	Random Early Drop With Per Hop Behavior Biasing	18.02.2003
Riverstone 50 ()	ALU	10/443505	US7609693	US	Multi-Cast Packet Queuing	22.05.2003
Riverstone 53 ()	ALU	10/314680	US7941558	US	Loop Elimination in a Communications Network	09.12.2002
Riverstone 56 ()	ALU	10/439684	US7548541	US	Managing VLAN Traffic In A Multiport Network Node Using Customer-Specific Identifiers	16.05.2003
Riverstone 16 ()	ALU	08/975331	US6069872	US	Explicit Rate Congestion Control System and Method	20.11.1997
Riverstone 91 ()	ALU	11/090594	US7222214	US	Device-Level Address Translation Within A Programmable Non-Volatile Memory Device	25.03.2005
Rockow 1-1 (BC)	ALU	09/348616	US6153947	US	Dual Feed Hot Swap Battery Plant Controller For Power	06.07.1999
Riverstone 69 ()	ALU	10/623784	US7411904	US	Multiprotocol Label Switching (MPLS) Edge Service Extraction	21.07.2003
Riverstone 23 ()	ALU	09/865035	US6728220	US	Method and System For Preventing Transmission Loops in a Label Switching Domain	24.05.2001
Riverstone 28 ()	ALU	10/021754	US7088679	US	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	12.12.2001
Riverstone 28 ()	ALU	2003551554	JP4130806	JP	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	11.12.2002
Riverstone 28 ()	ALU	02827962.X	ZL02827962.X	CN	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	11.12.2002
Riverstone 28 ()	ALU	11/412337	US7451241	US	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	26.04.2006
Riverstone 28 ()	ALU	20047009113	KR100912684	KR	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	11.12.2002
Rollender 2 (DH)	ALU	09/042602	US6192242	US	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	16.03.1998
Rollender 2 (DH)	ALU	99301784.7	EP0944276	DE	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	99301784.7	EP0944276	GB	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Samaras 7-5-7-19 (K)	ALU	00909517.5	EP1183796	DE	Time-Slot Partitioning In A TDMA System	14.03.2000
Samaras 7-5-7-19 (K)	ALU	00909517.5	EP1183796	GB	Time-Slot Partitioning In A TDMA System	14.03.2000
Samaras 7-5-7-19 (K)	ALU	00909517.5	EP1183796	FR	Time-Slot Partitioning In A TDMA System	14.03.2000
Samaras 7-5-7-19 (K)	ALU	09/980287	US7362734	US	Time-Slot Partitioning In A TDMA System	14.03.2000
Samaras 8-8 (K)	ALU	09/980288	US7206326	US	Unequal Error Protection For Packet Switched Networks	20.04.2000
Samaras 8-8 (K)	ALU	00922795.0	EP1183811	FR	Unequal Error Protection For Packet Switched Networks	20.04.2000
Samaras 8-8 (K)	ALU	00922795.0	EP1183811	DE	Unequal Error Protection For Packet Switched Networks	20.04.2000
Samaras 8-8 (K)	ALU	00922795.0	EP1183811	GB	Unequal Error Protection For Packet Switched Networks	20.04.2000
Sawyer 8 (AJ)	ALU	99118851.9	ZL99118851.9	CN	Time Synchronization Of Packetized Radio Signals To Base Stations	15.09.1999
Sawyer 8 (AJ)	ALU	262890/1999	JP3476720	JP	Time Synchronization Of Packetized Radio Signals To Base Stations	17.09.1999
Sawyer 8 (AJ)	ALU	09/154885	US6539004	US	Time Synchronization Of Packetized Radio Signals To Base Stations	17.09.1998
Rucki 2-16-2 (JS)	ALU	08/979478	US6006112	US	Transceiver With RF Loopback And Downlink Frequency Scanning	26.11.1997
Rupp 14 (M)	ALU	696/MAS/01	IN222515	IN	Training Sequence For Low Latency LMS Implementation	24.08.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Rupp 14 (M)	ALU	09/648983	US8165246	US	Training Sequence For Low Latency LMS Implementation	28.08.2000
Rupp 14 (M)	ALU	2001258491	JP5078206	JP	Training Sequence For Low Latency LMS Implementation	28.08.2001
Rupp 14 (M)	ALU	2351100	CA2351100	CA	Training Sequence For Low Latency LMS Implementation	20.06.2001
Saniee 17 (I)	ALU	12/143353	US8537835	US	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	20.06.2008
Saniee 17 (I)	ALU	20117001552	KR101228230	KR	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	2011514582	JP5718225	JP	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	09766981.6		EP	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	200980123207.5	ZL200980123207.5	CN	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	8236/CHENP/2010		IN	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Sarraf 17-8 (M)	ALU	09/371902	US6747948	US	Interleaver Scheme In An OFDM System With Multiple-Stream Data Sources	11.08.1999
Sarraf 19-11 (M)	ALU	10/636161	US7974255	US	Method And Apparatus For Multi-Stream Transmission With Time And Frequency Diversity In An Orthogonal Frequency Division Multiplexing (OFDM) Communication System	07.08.2003
Sarraf 20-12 (M)	ALU	09/396055	US6987752	US	Method And Apparatus For Frequency Offset Estimation And Interleaver Synchronization Using Periodic Signature Sequences	15.09.1999
Sarraf 31-18 (M)	ALU	10/342704	US8699746	US	Watermarking Scheme For Digital Video	15.01.2003
Sarraf 32-19 (M)	ALU	10/345029	US8666108	US	Watermarking Scheme For Digital Video	15.01.2003
Sajadieh 1-13-7 (M)	ALU	09/304830	US6928046	US	Frame Synchronization Of An OFDM Signal	05.05.1999
Savage 1 (SES)	ALU	09/168997	US5978237	US	Power Recovery System	09.10.1998
Rupp 14 (M)	ALU	20010051650	KR841851	KR	Training Sequence For Low Latency LMS Implementation	27.08.2001
Sackinger 8 (E)	ALU	09/498559	US6958668	US	Active Inductor	04.02.2000
Sackinger 8 (E)	ALU	01300507.9		EP	Active Inductor	22.01.2001
Sackinger 8 (E)	ALU	2001025399	JP4865136	JP	Active Inductor	01.02.2001
Schlenk 2-1 (R)	ALU	10/963270	US7233399	US	Feedback Control Of An Interferometer	12.10.2004
Schlenk 4 (R)	ALU	12/079341	US8295282	US	Method And Apparatus For Mac Address Learning	26.03.2008
Schlenk 4 (R)	ALU	200810090930.5	ZL200810090930.5	CN	Method And Apparatus For Mac Address Learning	28.03.2008
Schmid 3 (J)	ALU	01301472.5	EP1233276	GB	Boundary Scan Delay Chain For Cross-Chip Delay Measurement	19.02.2001
Schmid 3 (J)	ALU	01301472.5	EP1233276	FR	Boundary Scan Delay Chain For Cross-Chip Delay Measurement	19.02.2001
Schmid 3 (J)	ALU	01301472.5	EP1233276	DE	Boundary Scan Delay Chain For Cross-Chip Delay Measurement	19.02.2001
Schmid 3 (J)	ALU	2002037675	JP4152639	JP	Boundary Scan Delay Chain For Cross-Chip Delay Measurement	15.02.2002
Sherif 5-14-9-1-26 (MR)	ALU	11/951367	US8401331	US	Video Quality Analysis Using A Linear Approximation Technique	06.12.2007
Sharp 9 (RL)	ALU	12/569017	US8854314	US	Universal Interface Device With Housing Sensor Array Adapted For Detection Of Distributed Touch Input	29.09.2009
Sheehan 1 (MJ)	ALU	200549886	JP4602791	JP	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	25.02.2005
Sheehan 1 (MJ)	ALU	20050013490	KR101110584	KR	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	18.02.2005
Sheehan 1 (MJ)	ALU	200510050948.9	ZL200510050948.9	CN	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	24.02.2005
Sheehan 1 (MJ)	ALU	10/786911	US7474656	US	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	25.02.2004
Sheehan 1 (MJ)	ALU	05250873.6	EP1569113	FR	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	15.02.2005
Sheehan 1 (MJ)	ALU	05250873.6	EP1569113	DE	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	15.02.2005
Sheehan 1 (MJ)	ALU	05250873.6	EP1569113	GB	Data Transfer To Nodes Of A Communication Network Using Self-Replicating Code	15.02.2005
Shamilian 6-6 (JH)	ALU	7550/CHENP/2009		IN	Method And Apparatus For Providing Protocol Translation In Support Of IMS Services	18.06.2008
Shamilian 6-6 (JH)	ALU	08768568.1		EP	Method And Apparatus For Providing Protocol Translation In Support Of IMS Services	18.06.2008
Seymour 7-4 (JP)	ALU	09/133052	US6411613	US	A Method For Formatting And Conveying Information In A Wireless Telecommunication System	12.08.1998
Seymour 7-4 (JP)	ALU	99117527.1	ZL99117527.1	CN	A Method For Formatting And Conveying Information In A Wireless Telecommunication System	10.08.1999
Sharma 7 (R)	ALU	11/066082	US7548614	US	Audible Announcement Played To Calling Party Before Establishment Of Two Party Stable Call	25.02.2005
Sharma 1-13 (R)	ALU	09/328082	US6259728	US	Data Communication System And Method	08.06.1999
Sharma 22 (A)	ALU	11/521645	US8306529	US	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	15.09.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Sharma 22 (A)	ALU	07837741.3	EP2064854	EP	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Sharma 22 (A)	ALU	2009527392	JP4892062	JP	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Sharma 22 (A)	ALU	1347CHENP/2009		IN	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Sharma 22 (A)	ALU	200780033652.3	ZL200780033652.3	CN	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Sharma 22 (A)	ALU	20097004764	KR101132158	KR	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Shah 11 (NJ)	ALU	09/082044	US7171463	US	System And Method For Denoting And Communicating With Computer Network Mobile Sites	20.05.1998
Smolik 7 (KF)	ALU	09/173349	US6381455	US	System And Method For Warning Of And Providing Greater Immunity From An Impending Call Drop In A Digital Wireless System	15.10.1998
Smolik 8-3 (KF)	ALU	09/272130	US6501736	US	System For Increasing The Call Capacity Of A Wireless Communication System	19.03.1999
Stuart 11 (HR)	ALU	10/640958	US7058259	US	Optical Device Having A Waveguide Lens With Multimode Interference	14.08.2003
Soljanin 8-1-12 (E)	ALU	11/418158	US7669103	US	Encoded Transmission	03.05.2006
Stichter 3 (AW)	ALU	2001056621	JP4856319	JP	Base Station Transceiver To Radio Network Controller Synchronization Filtering Function	01.03.2001
Stichter 3 (AW)	ALU	09/516195	US7068746	US	Base Station Transceiver To Radio Network Controller Synchronization Filtering Function	01.03.2000
Stichter 3 (AW)	ALU	20010010845	KR852608	KR	Base Station Transceiver To Radio Network Controller Synchronization Filtering Function	02.03.2001
Sneed 7-1 (EL)	ALU	99305353.7	EP0980055	GB	Wireless Parking Meter	06.07.1999
Sneed 7-1 (EL)	ALU	99305353.7	EP0980055	FR	Wireless Parking Meter	06.07.1999
Sneed 7-1 (EL)	ALU	99305353.7	EP0980055	DE	Wireless Parking Meter	06.07.1999
Srivastava 16 (A)	ALU	11/399726	US8046810	US	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	07.04.2006
Srivastava 16 (A)	ALU	2009504236	JP5235862	JP	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	30.03.2007
Srivastava 16 (A)	ALU	20087024363	KR100985626	KR	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	30.03.2007
Srivastava 16 (A)	ALU	200780012510.9	ZL200780012510.9	CN	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	30.03.2007
Stoll 2-2 (D)	ALU	10/945511	US7706272	US	Method And Apparatus For Computing Virtual Concatenation Group Bandwidth Data	20.09.2004
Silverman 51 (DP)	ALU	09/221920	US6363248	US	Intelligent Call Cellular Forwarding System Wherein Active Cell Information Is Utilized To Determine The Call Forwarding Number	28.12.1998
Slusky 8 (RD)	ALU	08/911689	US6009138	US	Lap Counting	15.08.1997
Simsarian 1-2 (JE)	ALU	10/323495	US6950450	US	Control Circuit For A Tunable Laser	18.12.2002
Sliva 6 (VP)	ALU	11/145392	US7949363	US	Methods And Systems For Efficient Conveyance Of Bandclass Information In Wireless Networks	03.06.2005
Sinsky 1 (JH)	ALU	09/311493	US6208222	US	Electromechanical Phase Shifter For A Microstrip Microwave Transmission Line	13.05.1999
Slusky 13 (RD)	ALU	09/815784	US6373229	US	Battery Charging System For Portable Electronic Devices	23.03.2001
Terribile 1 (MA)	ALU	09/850301	US7653787	US	Technique For Analyzing Internet Traffic To Select Hot Sites	07.05.2001
Towle 7 (TT)	ALU	11/098254	US7376081	US	Establishment Of QoS By Applications In Cellular Networks Using Service Based Policy Control Mechanisms	04.04.2005
Towle 8 (TT)	ALU	11/098162	US7414970	US	Provision Of Static QoS Control Using Dynamic Service Based Policy Mechanisms	04.04.2005
Taylor-Smith 15 (RE)	ALU	2005206286	JP5107511	JP	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	15.07.2005
Taylor-Smith 15 (RE)	ALU	20050064246	KR101216832	KR	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	15.07.2005
Taylor-Smith 15 (RE)	ALU	10/892979	US7563828	US	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	16.07.2004
Tao 2-14 (H)	ALU	20117007445	KR101207226	KR	Femto Cell Base Station And Method	02.09.2009
Tao 2-14 (H)	ALU	12/553178	US8315669	US	Femto Cell Base Station And Method	03.09.2009
Stuart 3 (HR)	ALU	09/584585	US6836494	US	Structure And Method For Processing Optical Energy	31.05.2000
Sydorenko 8-8 (O)	ALU	11/423555	US8164087	US	Organic Semiconductor Compositions With Nanoparticles	12.06.2006
Sydorenko 8-8 (O)	ALU	2009515430	JP5665315	JP	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Su 5-9 (H)	ALU	10/198597	US7239610	US	Methods And Devices For Partial Upper Layer Frame Loss Detection Based Retransmission	18.07.2002
Su 7-10 (H)	ALU	10/198591	US7764624	US	Methods And Devices For Preventing Protocol Stalling	18.07.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Sydorenko 8-8 (O)	ALU	200780021685.6	ZL200780021685.6	CN	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Sydorenko 8-8 (O)	ALU	20087030133	KR101050617	KR	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Sydorenko 9-7 (O)	ALU	11/616968	US8106386	US	Organic Semiconductor Compositions Including Plasticizers	28.12.2006
Tao 2-14 (H)	ALU	2011525469	JP5184702	JP	Femto Cell Base Station And Method	02.09.2009
Tao 2-14 (H)	ALU	1533/CHENP/2011		IN	Femto Cell Base Station And Method	02.09.2009
Tao 2-14 (H)	ALU	200910205707.5	ZL200910205707.5	CN	Femto Cell Base Station And Method	04.09.2009
Sung 2 (P)	ALU	09/841487	US7035315	US	Doppler Corrected Communications Receiver And Method Of Removing Doppler Frequency Shift	24.04.2001
Viswanathan 1 (H)	ALU	09/152112	US6389040	US	Apparatus And Method For Generating A Frequency Offset Estimate For Communication Systems Having Frequency Selective Fading Channels	11.09.1998
Vuppula 1-1 (SB)	ALU	11/711012	US8077720	US	Methods And Devices For Generating And Forwarding Translated Mac Addresses	27.02.2007
Vuppula 1-1 (SB)	ALU	08725413.2	EP2119195	EP	Methods And Devices For Generating And Forwarding Translated Mac Addresses	11.02.2008
Viswanathan 16 (H)	ALU	09/955368	US7227905	US	Open-Loop Diversity Technique For Systems Employing Multi-Transmitter Antennas	18.09.2001
Viswanathan 16 (H)	ALU	11/737535	US7929653	US	Open-Loop Diversity Technique For Systems Employing Multi-Transmitter Antennas	19.04.2007
Vasudevan 11-9 (S)	ALU	05255350.0	EP1638361	DE	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	01.09.2005
Vasudevan 11-9 (S)	ALU	05255350.0	EP1638361	GB	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	01.09.2005
Venkatesan 4 (SK)	ALU	11/763046	US7885689	US	Suppressing Interference Using Beamforming Of Uplink Signals Received At Multiple Base Stations	14.06.2007
Vasudevan 11-9 (S)	ALU	10/941266	US8380195	US	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	15.09.2004
Vasudevan 11-9 (S)	ALU	200510104074.0	ZL200510104074.0	CN	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	15.09.2005
Vasudevan 11-9 (S)	ALU	20050085804	KR101164681	KR	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	14.09.2005
Vasudevan 11-9 (S)	ALU	2005266140	JP5051992	JP	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	14.09.2005
Werner 13-22 (D)	ALU	12/411436	US8254787	US	PMDC Feedback Arrangement For APOL-DPSK	26.03.2009
Vasudevan 11-9 (S)	ALU	05255350.0	EP1638361	FR	Method Of Conducting Rate Control, Scheduling And Acknowledgement In Wireless Communication System	01.09.2005
van der Gaast 10 (T)	ALU	2857/CHENP/2010		IN	Downloadable Ringtones For Usage In Emergency Situations	13.10.2008
van der Gaast 10 (T)	ALU	12/274003	US8483377	US	Downloadable Ringtones For Usage In Emergency Situations	19.11.2008
van der Gaast 10 (T)	ALU	07121112.2	EP2063620	EP	Downloadable Ringtones For Usage In Emergency Situations	20.11.2007
van der Gaast 10 (T)	ALU	2010534379	JP5829398	JP	Downloadable Ringtones For Usage In Emergency Situations	13.10.2008
van der Gaast 10 (T)	ALU	20107010606	KR10-1488231	KR	Downloadable Ringtones For Usage In Emergency Situations	13.10.2008
Vella-Coleiro 13 (GP)	ALU	09/042478	US6721298	US	Technique For Effectively Utilizing Bandwidth Of A Cable Network For Wireless Communications	16.03.1998
Vannucci 24 (G)	ALU	2241377	CA2241377	CA	Mobile Location Estimation In A Wireless System Using Designated Time Intervals Of Suspended Communication	22.06.1998
White 13 (CA)	ALU	12/195559	US8645801	US	Delivery Method For Internet Protocol Television (IPTV)	21.08.2008
Willigenburg 3 (Wv)	ALU	11/554062	US9154844	US	Method And Apparatus For Reducing Delays Due To Channel Changes	30.10.2006
Willigenburg 3 (Wv)	ALU	2212/CHENP/2009	IN285040	IN	Method And Apparatus For Reducing Delays Due To Channel Changes	10.10.2007
Willigenburg 3 (Wv)	ALU	20097008936	KR101036413	KR	Method And Apparatus For Reducing Delays Due To Channel Changes	10.10.2007
Willigenburg 3 (Wv)	ALU	200780040505.9	ZL200780040505.9	CN	Method And Apparatus For Reducing Delays Due To Channel Changes	10.10.2007
Winzer 1 (PJ)	ALU	10/134091	US7133622	US	Return-To-Zero (RZ) Optical Data Modulator	26.04.2002
Winzer 6 (PJ)	ALU	10/464318	US7450863	US	Optical Receiver For Wavelength-Division-Multiplexed Signals	18.06.2003
Werner 48-8 (J)	ALU	09/109364	US6252903	US	Blind Start-Up Of A Dual Mode CAP-QAM Receiver	02.07.1998
Walter 1-1 (HM)	ALU	09/034664	US6418151	US	Automatic Primary Reference Clock Switching For Synchronous Networks	03.03.1998
Wang 7-34-28 (X)	ALU	11/428958	US8000242	US	Reducing Packet Loss For A Packet Data Service During Congestion In A Transport Network	06.07.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Wang 7-34-28 (X)	ALU	07809976.9		EP	Reducing Packet Loss For A Packet Data Service During Congestion In A Transport Network	26.06.2007
Wang 7-34-28 (X)	ALU	2/CHENP/2009	IN278093	IN	Reducing Packet Loss For A Packet Data Service During Congestion In A Transport Network	26.06.2007
Wang 2 (J)	ALU	09/295198	US6449625	US	Use Of A Two-Way Stack Approach To Optimize FLASH Memory Management For Embedded Database Systems	20.04.1999
Weaver 48 (CF)	ALU	7047/CHENP/2010		IN	Frequency Mapping For A Wireless Communication System	24.04.2009
Weaver 48 (CF)	ALU	200980116287.1	ZL200980116287.1	CN	Frequency Mapping For A Wireless Communication System	24.04.2009
Weaver 48 (CF)	ALU	09742990.6		EP	Frequency Mapping For A Wireless Communication System	24.04.2009
Weaver 48 (CF)	ALU	12/149602	US8054790	US	Frequency Mapping For A Wireless Communication System	05.05.2008
Weaver 48 (CF)	ALU	20107024914	KR101195406	KR	Frequency Mapping For A Wireless Communication System	24.04.2009
Weaver 48 (CF)	ALU	2011508482	JP5795530	JP	Frequency Mapping For A Wireless Communication System	24.04.2009
Werner 47-7 (J)	ALU	09/066189	US6314134	US	Blind Equalization Algorithm with Joint Use of the Constant Modulus Algorithm and the MultiModulus Algorithm	24.04.1998
Woo 19 (TY)	ALU	11011397	JP3393219	JP	Method And System For Half-Duplex Wireless Communication	20.01.1999
Woo 19 (TY)	ALU	99300171.8	EP0932276	DE	Method And System For Half-Duplex Wireless Communication	12.01.1999
Woo 19 (TY)	ALU	99300171.8	EP0932276	GB	Method And System For Half-Duplex Wireless Communication	12.01.1999
Woo 19 (TY)	ALU	99300171.8	EP0932276	FR	Method And System For Half-Duplex Wireless Communication	12.01.1999
Woo 19 (TY)	ALU	09/010076	US6370123	US	Method And System For Half-Duplex Wireless Communication	21.01.1998
Wang 8-35-29 (X)	ALU	20097000216	KR101097648	KR	Maintaining Quality Of Service For Multi-Media Packet Data Services In A Transport Network	29.06.2007
Wang 8-35-29 (X)	ALU	07810075.7		EP	Maintaining Quality Of Service For Multi-Media Packet Data Services In A Transport Network	29.06.2007
Wang 8-35-29 (X)	ALU	2009518305	JP4987974	JP	Maintaining Quality Of Service For Multi-Media Packet Data Services In A Transport Network	29.06.2007
Wang 8-35-29 (X)	ALU	11/428964	US9306853	US	Maintaining Quality Of Service For Multi-Media Packet Data Services In A Transport Network	06.07.2006
White 3 (CA)	ALU	09/693429	US6594429	US	Microstructured Multimode Fiber	20.10.2000
White 3 (CA)	ALU	01304120.7	EP1199581	GB	Microstructured Multimode Fiber	08.05.2001
White 3 (CA)	ALU	01304120.7	EP1199581	IT	Microstructured Multimode Fiber	08.05.2001
White 3 (CA)	ALU	01304120.7	EP1199581	FR	Microstructured Multimode Fiber	08.05.2001
White 3 (CA)	ALU	01304120.7	EP1199581	DE	Microstructured Multimode Fiber	08.05.2001
Wang 13 (J)	ALU	2010-102139	RU2461988	RU	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	MX/a/2009/013460	MX282946	MX	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	200880020339.0	ZL200880020339.0	CN	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	2010514813	JP5094971	JP	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wirstiuk 2 (BR)	ALU	10/434160	US7610063	US	System For Determining Information For Circuit Packs Connected By A Single Line Bus	09.05.2003
Wang 13 (J)	ALU	PI0812931-2		BR	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	20097026973	KR101100639	KR	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	202928	IL202928	IL	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	7457/CHENP/2009		IN	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	097123347	TWI449358	TW	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	23.06.2008
Wang 13 (J)	ALU	11/769981	US7792082	US	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	28.06.2007
Watson 11 (GP)	ALU	11/968399	US8138495	US	Film Stress Management For MEMS Through Selective Relaxation	02.01.2008
Yang 7 (W)	ALU	20087020427	KR101353891	KR	Receiver Scheme For Synchronous Digital Transmission	22.02.2007
Yang 7 (W)	ALU	07751604.5		EP	Receiver Scheme For Synchronous Digital Transmission	22.02.2007
Yang 7 (W)	ALU	2008557317	JP5026441	JP	Receiver Scheme For Synchronous Digital Transmission	22.02.2007
Yang 7 (W)	ALU	200780007459.2	ZL200780007459.2	CN	Receiver Scheme For Synchronous Digital Transmission	22.02.2007
Yang 7 (W)	ALU	11/365254	US7577221	US	Receiver Scheme For Synchronous Digital Transmission	01.03.2006
Yen 3 (W)	ALU	09/425644	US6944141	US	Systems And Method For Phase Multiplexing In Assigning Frequency Channels For A Wireless Communication Network	22.10.1999
Yen 3 (W)	ALU	2000320252	JP3929691	JP	Systems And Method For Phase Multiplexing In Assigning Frequency Channels For A Wireless Communication Network	20.10.2000
Zhou 2 (Y)	ALU	11/145030	US7953415	US	Method And System For Wireless Number Portability	03.06.2005
Yang 9-3 (Z)	ALU	10/397659	US7330462	US	Managing Wireless Packet Service Resources	26.03.2003
Wysocki 18 (PF)	ALU	11/369364	US8744224	US	Tapered Fiber Bundle Apparatus With Monitoring Capability	07.03.2006

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Yun 2 (PM)	ALU	104450	JP3207148	JP	Silent Echo Generator For Mobile Position Search In A Wireless Communication System	13.01.1998
Xie 11 (C)	ALU	11/018458	US7376353	US	Method And Apparatus For Dispersion Management In Optical Mesh Networks	21.12.2004
Xie 19 (C)	ALU	407/DELNP/2011	IN282309	IN	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
Xie 19 (C)	ALU	2011522048	JP5068390	JP	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
Yang 12-14-9 (Y)	ALU	11/107010	US8885474	US	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	15.04.2005
Yang 12-14-9 (Y)	ALU	200680012000.7	ZL80012000.7	CN	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	28.03.2006
Yang 12-14-9 (Y)	ALU	20077023429	KR101208938	KR	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	28.03.2006
Yang 12-14-9 (Y)	ALU	2008506484	JP5319274	JP	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	28.03.2006
Yang 16-8 (Z)	ALU	10/369159	US7020260	US	Enhanced Flexible Alerting	19.02.2003
Yang 20-11 (Z)	ALU	10/624015	US7031697	US	Correlation Of Call Data For Calling And Called Parties In Wireless Telecommunication Networks	21.07.2003
Zarrabizadeh 22 (MH)	ALU	10/673892	US8861922	US	Watermarking Scheme For Digital Video	29.09.2003
Zarrabizadeh 22 (MH)	ALU	2004214560	AU2004214560	AU	Watermarking Scheme For Digital Video	24.09.2004
Zarrabizadeh 22 (MH)	ALU	20040077302	KR101110084	KR	Watermarking Scheme For Digital Video	24.09.2004
Zarrabizadeh 22 (MH)	ALU	200410082619.8	ZL10082619.8	CN	Watermarking Scheme For Digital Video	24.09.2004
Zarrabizadeh 23 (MH)	ALU	10/673894	US7646881	US	Watermarking Scheme For Digital Video	29.09.2003
Zhang 3 (Z)	ALU	10/141207	US6784731	US	System And Method For Reducing Amplifier Distortion Using Distortion Feedback	08.05.2002
Zhang 8 (B)	ALU	10/424690	US7251492	US	Frequency Reuse Scheme For Downlink Power Channels In A Sectorized Network	29.05.2003
Yang 5 (W)	ALU	10/835448	US7286731	US	Monolithically Integrated Optical Coupler With Substantially No Splitting Loss	29.04.2004
Zarrabizadeh 23 (MH)	ALU	200410082617.9	ZL10082617.9	CN	Watermarking Scheme For Digital Video	24.09.2004
Zarrabizadeh 23 (MH)	ALU	2477515	CA2477515	CA	Watermarking Scheme For Digital Video	16.08.2004
Zarrabizadeh 23 (MH)	ALU	2004214556	AU2004214556	AU	Watermarking Scheme For Digital Video	24.09.2004
Zarrabizadeh 23 (MH)	ALU	20040076856	KR101110083	KR	Watermarking Scheme For Digital Video	24.09.2004
131299	ALU	12/381970	US8040878	US	OUTPUT DRIVEN MEMORY BASED SWITCH FOR TDM AND PACKET DATA CROSSCONNECTION	18.03.2009
803720	ALU	12/571263	US8289037	US	Method And Apparatus To Measure Current In Power Switchers	30.09.2009
801623	ALU	07291341.1	EP2059077	FR	Digital RF Combining Device for Indoor Wireless Systems	08.11.2007
801623	ALU	07291341.1	EP2059077	DE	Digital RF Combining Device for Indoor Wireless Systems	08.11.2007
801623	ALU	07291341.1	EP2059077	GB	Digital RF Combining Device for Indoor Wireless Systems	08.11.2007
803521	ALU	12/652615	US8713597	US	Authenticating And Off-Loading IPTV Operations From Mobile Devices To Fixed Rendering Viewing Devices	05.01.2010
805120	ALU	12/426227	US8266506	US	Method And Apparatus For Multiset Membership Testing Using Combinatoral Bloom Filters	18.04.2009
804656	ALU	0902855	FR2946826	FR	Intelligent notification and rewarding engine in the Parental Control system	11.06.2009
805067	ALU	12/611187	US8532441	US	Optical Device For Wavelength Locking	03.11.2009
804613	ALU	12/423600	US8837287	US	Application-Specific Management Of High-Bandwidth Transfers	14.04.2009
804501	ALU	09290683.3	EP2293493	EP	Core Network Native Multicast (CNNM)	08.09.2009
803514	ALU	12/422281	US9042216	US	Loop Prevention Mechanism for the ITU Standard ITU-T G.8032 Ethernet Ring Protection	12.04.2009
804342	ALU	09290280.8	EP2242215	EP	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	16.04.2009
121336	ALU	20097005708	KR101355878	KR	SINGLE COIL MULTIPLE ORDER DSL SPLITTER BASED ON COIL ENHANCEMENT.	21.09.2007
803141	ALU	09161643.3		EP	Proxy-based SIP third party call control	02.06.2009
803141	ALU	2009172622	JP5761901	JP	Proxy-based SIP third party call control	24.07.2009
803141	ALU	12/457365	US9294517	US	Proxy-based SIP third party call control	09.06.2009
802793	ALU	200910149190.2	ZL200910149190.2	CN	Multiuser receiver scheme for RDMA (Radial Space Division Multiple Access)	26.06.2009
802793	ALU	12/492562	US8396095	US	Multiuser receiver scheme for RDMA (Radial Space Division Multiple Access)	26.06.2009
804617	ALU	10290170.9		EP	Dispersion Monitoring Algorithm for Optical Dual Polarization Coherent Transmission Systems	31.03.2010

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805009	ALU	12/435492	US8243578	US	Frequency Signatures For Crosstalk Source Identification	05.05.2009
801841	ALU	12/433424	US8605883	US	Dynamic preemption	30.04.2009
Gabara 71-9 (TJ)	ALU	01304255.1	EP1158824	FR	Control Technique For A Communication System	14.05.2001
Gabara 71-9 (TJ)	ALU	01304255.1	EP1158824	DE	Control Technique For A Communication System	14.05.2001
Gabara 71-9 (TJ)	ALU	01304255.1	EP1158824	GB	Control Technique For A Communication System	14.05.2001
106311	ALU	200780035194.7	ZL200780035194.7	CN	DBR LASER WITH COMPRESSIVELY STRAINED MATERIAL PROVIDING ENHANCED TUNABILITY	19.09.2007
805071	ALU	12/495391	US8018972	US	Improved Timing Over Packet Performance	30.06.2009
805072	ALU	12/492882	US8149881	US	Centralized Node Clock Auto Reconfiguration	26.06.2009
804293	ALU	12/387401	US7990871	US	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	01.05.2009
121037	ALU	04292971.1	EP1669880	FR	INCREASED NUMBER OF POSSIBILITIES WHILE USING FEW PINS.	13.12.2004
121037	ALU	04292971.1	EP1669880	DE	INCREASED NUMBER OF POSSIBILITIES WHILE USING FEW PINS.	13.12.2004
121037	ALU	04292971.1	EP1669880	GB	INCREASED NUMBER OF POSSIBILITIES WHILE USING FEW PINS.	13.12.2004
805141	ALU	12/387339	US8433056	US	Configurable Signal Suspension And Validated Resumption In DSL Systems	02.05.2009
804449	ALU	12/427513	US8352600	US	A System And Method For Determining A Maximum Packet Data Unit (PDU) Payload Transmission Size For Communicating In A Managed Computer Network System	21.04.2009
804416	ALU	12/432524	US8000264	US	Configuration Management Of IP/MPLS Router Rings	29.04.2009
804428	ALU	12/386279	US7944924	US	Handling Of Received Implicit Null Packets	16.04.2009
805099	ALU	09305529.1		EP	APPLICATON AWARE TRAFFIC MANAGEMENT BASED ON SOURCE IDENTIFICATION	10.06.2009
803894	ALU	12/387241	US8213326	US	Method and Apparatus for the Classification of Ports On a Data Communications Network Node	30.04.2009
803588	ALU	09290249.3		EP	Multi-Speaker Communication Environment	02.04.2009
805108	ALU	12/387301	US7956788	US	Interleaved Photonic Analog-To-Digital Converter	30.04.2009
Guo 10-6-34-11 (KH)	ALU	12/478130	US7801957	US	Apparatus And Method For Fair Message Exchanges In Distributed Multi-Player Games	04.06.2009
137945	ALU	06300980.7	EP1768321	FR	Interworking Circuit Emulation Service Over Packet (CESoP)and IP/MPLS Packet Processing	26.09.2006
137945	ALU	06300980.7	EP1768321	DE	Interworking Circuit Emulation Service Over Packet (CESoP)and IP/MPLS Packet Processing	26.09.2006
137945	ALU	06300980.7	EP1768321	GB	Interworking Circuit Emulation Service Over Packet (CESoP)and IP/MPLS Packet Processing	26.09.2006
804418	ALU	12/437191	US8238265	US	Auto-Binding SDP RSVP LSP Tunnel	07.05.2009
804107	ALU	09290242.8		EP	Terminal Equipment for Multi-Speaker Communication	31.03.2009
803348	ALU	12/455708	US8031596	US	Trusted plane for routing equipment embedding a tamper resistant device	05.06.2009
121347	ALU	2844/CHENP/2009	IN272621	IN	NETWORK PRESENCE AWARE IPTV SERVICES	12.12.2007
121347	ALU	2009541852	JP5302210	JP	NETWORK PRESENCE AWARE IPTV SERVICES	12.12.2007
121347	ALU	20097012635	KR101386953	KR	NETWORK PRESENCE AWARE IPTV SERVICES	12.12.2007
137741	ALU	05300067.5	EP1562326	FR	Intelligent Access Control and Warning System for Network Operators	28.01.2005
137741	ALU	05300067.5	EP1562326	DE	Intelligent Access Control and Warning System for Network Operators	28.01.2005
137741	ALU	05300067.5	EP1562326	GB	Intelligent Access Control and Warning System for Network Operators	28.01.2005
150311	ALU	200880003567.7	ZL200880003567.7	CN	Redundant Far-End Pseudo-Wire Connectivity	29.01.2008
131302	ALU	05291018.9	EP1722495	FR	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	DE	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	HU	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	IT	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	PL	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
131302	ALU	05291018.9	EP1722495	ES	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	TR	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	GB	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
Acharya 28-12-15 (S)	ALU	07754614.1	EP2005745	FR	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	30.03.2007
Acharya 28-12-15 (S)	ALU	07754614.1	EP2005745	DE	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	30.03.2007
Acharya 28-12-15 (S)	ALU	07754614.1	EP2005745	GB	Delivery Of Subscription Services To Roaming Users Through Head End Equipment	30.03.2007
802718	ALU	12/453975	US9351335	US	Broadcast services and DSL backhauled Femto Base Stations	28.05.2009
803465	ALU	09161035.2		EP	Communication Hyperlink System	25.05.2009
137986	ALU	06795277.0	EP1889422	FR	Packet Classification Acceleration Using Spectral Analysis	24.05.2006
137986	ALU	06795277.0	EP1889422	DE	Packet Classification Acceleration Using Spectral Analysis	24.05.2006
137986	ALU	06795277.0	EP1889422	GB	Packet Classification Acceleration Using Spectral Analysis	24.05.2006
803437	ALU	200910205742.7	ZL200910205742.7	CN	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
803437	ALU	12/459300	US8457496	US	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
Vannucci 24 (G)	ALU	98305579.9	EP0893930	DE	Mobile Location Estimation In A Wireless System Using Designated Time Intervals Of Suspended Communication	14.07.1998
Vannucci 24 (G)	ALU	98305579.9	EP0893930	GB	Mobile Location Estimation In A Wireless System Using Designated Time Intervals Of Suspended Communication	14.07.1998
804824	ALU	12/545680	US8369332	US	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	21.08.2009
805161	ALU	12/472879	US8737953	US	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	27.05.2009
805311	ALU	12/495331	US8351964	US	Message Delivery Over LTE Networks	30.06.2009
804425	ALU	12/478572	US8040822	US	Configuring Communication Services Using Policy Groups	04.06.2009
801461	ALU	200910147531.2	ZL200910147531.2	CN	Fabrication of polarization insensitive quantum dots based devices for optical fiber communications	18.06.2009
801461	ALU	2009146068	JP5384217	JP	Fabrication of polarization insensitive quantum dots based devices for optical fiber communications	19.06.2009
801461	ALU	12/457463	US7968863	US	Fabrication of polarization insensitive quantum dots based devices for optical fiber communications	11.06.2009
801079	ALU	2010501408	JP5030315	JP	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	17.03.2008
805075	ALU	12/635373	US8345570	US	Network Impairment Metrics For Timing Over Packet	10.12.2009
800790	ALU	2009545141	JP5050252	JP	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	09.01.2008
800790	ALU	20097014404	KR101407457	KR	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	09.01.2008
805181	ALU	12/640975	US8270523	US	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	17.12.2009
804716	ALU	09290441.6		EP	Variable concentrator for flexible bitrate transponders	12.06.2009
804414	ALU	12/485549	US9118502	US	Auto VPN Troubleshooting	16.06.2009
805296	ALU	12/498702	US8699836	US	An Optical Coupler	07.07.2009
Abys 43-7-3-1-2 (JA)	ALU	00307856.5	EP1087648	DE	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	11.09.2000
Abys 43-7-3-1-2 (JA)	ALU	00307856.5	EP1087648	GB	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	11.09.2000
803457	ALU	12/459247	US8321369	US	Introducing collaborative methods for telecommunication management network security	29.06.2009
803457	ALU	200910151715.6	ZL200910151715.6	CN	Introducing collaborative methods for telecommunication management network security	06.07.2009
803457	ALU	2011515420	JP5307238	JP	Introducing collaborative methods for telecommunication management network security	30.06.2009
803457	ALU	1020107029497	KR101202212	KR	Introducing collaborative methods for telecommunication management network security	30.06.2009
Mueckenheim 24-13 (J)	ALU	05257703.8	EP1677563	FR	Channel Assignment Based On Service Type And Wireless Communication Environment	15.12.2005
Mueckenheim 24-13 (J)	ALU	05257703.8	EP1677563	DE	Channel Assignment Based On Service Type And Wireless Communication Environment	15.12.2005
Mueckenheim 24-13 (J)	ALU	05257703.8	EP1677563	GB	Channel Assignment Based On Service Type And Wireless Communication Environment	15.12.2005
802836	ALU	200910151766.9	ZL200910151766.9	CN	Polarization insensitive injection locked laser diodes for access applications	13.07.2009
802836	ALU	2009168333	JP5950490	JP	Polarization insensitive injection locked laser diodes for access applications	17.07.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
802836	ALU	20090065430	KR101084851	KR	Polarization insensitive injection locked laser diodes for access applications	17.07.2009
802836	ALU	12/458504	US8130801	US	Polarization insensitive injection locked laser diodes for access applications	14.07.2009
805484	ALU	12/534397		US	Dynamic Ad Scheduling Method For Improving Utility In Interactive TV Environment	03.08.2009
800817	ALU	08763073.7	EP2140626	EP	Mechanism To Dynamically Optimize Psudowires Based On The Collected End-to-End Cost	22.02.2008
802939	ALU	200910173304.7	ZL200910173304.7	CN	Communication release interactive task creation	23.06.2009
802939	ALU	12/489784	US8571196	US	Communication release interactive task creation	23.06.2009
803458	ALU	200910151714.1	ZL101621408A	CN	Methods for real-time data streaming in a network management system	06.07.2009
803458	ALU	12/459260	US8700762	US	Methods for real-time data streaming in a network management system	29.06.2009
803458	ALU	7569/CHENP/2010		IN	Methods for real-time data streaming in a network management system	30.06.2009
803458	ALU	2011515419	JP5079917	JP	Methods for real-time data streaming in a network management system	30.06.2009
803458	ALU	1020117000023	KR101230944	KR	Methods for real-time data streaming in a network management system	30.06.2009
805250	ALU	12/635814	US8223947	US	Method And System For Remote Call Forwarding Set-Up And Modification	11.12.2009
802700	ALU	200910151782.8	ZL200910151782.8	CN	Adaptive non-linearity compensation in coherent receiver	15.07.2009
802700	ALU	7570/CHENP/2010		IN	Adaptive non-linearity compensation in coherent receiver	10.07.2009
802700	ALU	2011-517881	JP5238881	JP	Adaptive non-linearity compensation in coherent receiver	10.07.2009
802700	ALU	1020117001597	KR101213416	KR	Adaptive non-linearity compensation in coherent receiver	10.07.2009
802939	ALU	09163521.9		EP	Communication release interactive task creation	23.06.2009
805512	ALU	12/492391	US8355638	US	Receiver For Optical Transverse-Mode-Mutiplexed Signals	26.06.2009
805508	ALU	12/585977	US9106572	US	Immobilization Module For Security On A Communication System	30.09.2009
805344	ALU	12/569227	US8337220	US	Interior Network Ground	29.09.2009
805006	ALU	10-2011-7030825	KR101251897	KR	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	10.06.2010
801530	ALU	07291056.5	EP2031807	FR	Significance Aware Multi Rate Multi Color Policer without Remarking for use with significance differentiated services in a network	31.08.2007
801530	ALU	07291056.5	EP2031807	DE	Significance Aware Multi Rate Multi Color Policer without Remarking for use with significance differentiated services in a network	31.08.2007
801530	ALU	07291056.5	EP2031807	IT	Significance Aware Multi Rate Multi Color Policer without Remarking for use with significance differentiated services in a network	31.08.2007
801530	ALU	07291056.5	EP2031807	GB	Significance Aware Multi Rate Multi Color Policer without Remarking for use with significance differentiated services in a network	31.08.2007
805420	ALU	1055356	FR2962231	FR	Optical fiber coupling by bonding with optoelectronic components	02.07.2010
805204	ALU	12/495779	US8218979	US	High Spectral-Efficiency Coherent Optical OFDM With Large Dispersion Tolerance	30.06.2009
804417	ALU	12/495346	US8326976	US	Configuring Application Management Reporting In A Communication Network	30.06.2009
803045	ALU	09164229.8		EP	Added-value label manager implementation for RSVP-TE in WDM networks	30.06.2009
103453	ALU	02716891.3	EP1371250	DE	DRX PARAMETERS CONFIGURATION BY A DTE FOR GPRS APPLICATION DO NOT DROP SEE LINK	14.03.2002
103453	ALU	02716891.3	EP1371250	GB	DRX PARAMETERS CONFIGURATION BY A DTE FOR GPRS APPLICATION DO NOT DROP SEE LINK	14.03.2002
103453	ALU	02716891.3	EP1371250	FR	DRX PARAMETERS CONFIGURATION BY A DTE FOR GPRS APPLICATION DO NOT DROP SEE LINK	14.03.2002
805182	ALU	13/194347	US9036999	US	Frame/Symbol Synchronization In Coherent Optical OFDM	29.07.2011
803005	ALU	12/495345	US8166352	US	Alarm Correlation With Rules And Model	30.06.2009
805354	ALU	09290785.6		EP	N+N activated shared protection	15.10.2009
804050	ALU	12/459349	US8102760	US	Sub 50ms Reconvergence in a Dual Homing Topology	30.06.2009
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	2011512456	JP5450605	JP	Signal Suspension And Resumption In DSL Systems	28.05.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801330	ALU	07291276.9	EP2051456	FR	A global hierarchical scheduling device for packet switch matrix	18.10.2007
801330	ALU	07291276.9	EP2051456	DE	A global hierarchical scheduling device for packet switch matrix	18.10.2007
801330	ALU	07291276.9	EP2051456	GB	A global hierarchical scheduling device for packet switch matrix	18.10.2007
805073	ALU	12/635312	US8339995	US	Network Sync Planning And Failure Simulations	10.12.2009
805074	ALU	12/635341	US8203969	US	Network Timing Topology VIA Network Manager	10.12.2009
131340	ALU	07290455.0	EP1981216	FR	1:1 Protection Schemes for Dual Node Interconnection	13.04.2007
131340	ALU	07290455.0	EP1981216	DE	1:1 Protection Schemes for Dual Node Interconnection	13.04.2007
131340	ALU	07290455.0	EP1981216	GB	1:1 Protection Schemes for Dual Node Interconnection	13.04.2007
Mooney 12-31-39 (CF)	ALU	12/460202	US8285289	US	Inter-RAT Idle Handoff Triggering Messages	15.07.2009
139422	ALU	06010797.6	EP1734690	FR	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	26.05.2006
139422	ALU	06010797.6	EP1734690	DE	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	26.05.2006
139422	ALU	06010797.6	EP1734690	GB	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	26.05.2006
803993	ALU	09176827.5		EP	Application to select dynamically the best Wireless Network Interface in a dual-mode handset	24.11.2009
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	FR	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	DE	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	IT	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	ES	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	GB	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
105979	ALU	07109027.8	EP1863202	FR	AUTOMATIC LEVEL CONTROLED CHANNEL MANAGEMENT FOR WDM TRANSMISSION WITH FILTERING FUNCTIONS	28.05.2007
105979	ALU	07109027.8	EP1863202	DE	AUTOMATIC LEVEL CONTROLED CHANNEL MANAGEMENT FOR WDM TRANSMISSION WITH FILTERING FUNCTIONS	28.05.2007
105979	ALU	07109027.8	EP1863202	GB	AUTOMATIC LEVEL CONTROLED CHANNEL MANAGEMENT FOR WDM TRANSMISSION WITH FILTERING FUNCTIONS	28.05.2007
804913	ALU	09290748.4		EP	MRU - Maximizing Resources Utilization to plan the optical busses establishment and dimensioning	30.09.2009
800008	ALU	2009551157	JP5330273	JP	Multi-band Low Noise Amplifier RF IC Module including electronic for digital control, for diversity antenna systems	08.02.2008
114850	ALU	06301069.8	EP1914911	FR	Electro-optical system for CDMA and UMTS	20.10.2006
114850	ALU	06301069.8	EP1914911	DE	Electro-optical system for CDMA and UMTS	20.10.2006
114850	ALU	06301069.8	EP1914911	GB	Electro-optical system for CDMA and UMTS	20.10.2006
801905	ALU	07425539.9	EP2031799	FR	Method for supervisioning an autonomic network	29.08.2007
801905	ALU	07425539.9	EP2031799	DE	Method for supervisioning an autonomic network	29.08.2007
801905	ALU	07425539.9	EP2031799	GB	Method for supervisioning an autonomic network	29.08.2007
131300	ALU	05291106.2	EP1727316	FR	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	23.05.2005
131300	ALU	05291106.2	EP1727316	DE	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	23.05.2005
131300	ALU	05291106.2	EP1727316	IT	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	23.05.2005
131300	ALU	05291106.2	EP1727316	NL	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	23.05.2005
131300	ALU	05291106.2	EP1727316	ES	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	23.05.2005
131300	ALU	05291106.2	EP1727316	GB	EXTENSION TO RSVP-TE FOR SUPPORTING OAM CONFIGURATION	23.05.2005
805239	ALU	12/462443	US8285148	US	Achievable Spectral Efficiency estimation in coherent receivers	04.08.2009
114634	ALU	06290921.3	EP1855399	FR	Adaptive Pre/Post compensation rules for Intelligent transponder applied to systems migration to higher bit rates than 10Gb/s.	08.05.2006
114634	ALU	06290921.3	EP1855399	DE	Adaptive Pre/Post compensation rules for Intelligent transponder applied to systems migration to higher bit rates than 10Gb/s.	08.05.2006
114634	ALU	06290921.3	EP1855399	GB	Adaptive Pre/Post compensation rules for Intelligent transponder applied to systems migration to higher bit rates than 10Gb/s.	08.05.2006
803279	ALU	09167168.5		EP	iSLS - Identifying Service Level Specification at the Network layer	04.08.2009
Khan 44 (FU)	ALU	05252723.1	EP1601224	FR	Method Of Reducing Overhead In Data Packet Communication	29.04.2005
Khan 44 (FU)	ALU	05252723.1	EP1601224	DE	Method Of Reducing Overhead In Data Packet Communication	29.04.2005
Khan 44 (FU)	ALU	05252723.1	EP1601224	GB	Method Of Reducing Overhead In Data Packet Communication	29.04.2005
106116	ALU	06776165.0	EP2030379	FR	EXTENDED SIGNALLING PROCEDURES FOR ENHANCED SERVICES	07.06.2006

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
106116	ALU	06776165.0	EP2030379	DE	EXTENDED SIGNALLING PROCEDURES FOR ENHANCED SERVICES	07.06.2006
106116	ALU	06776165.0	EP2030379	GB	EXTENDED SIGNALLING PROCEDURES FOR ENHANCED SERVICES	07.06.2006
803780	ALU	12/461841	US8373242	US	Photonic Power Switch And Method Of Controlling Current Flow In The Photonic Power Switch And Use Of Such Photonic Power Switch	26.08.2009
114731	ALU	05291661.6	EP1750380	FR	Decision feedback equalizer with analog feedback and eye monitor for automatic coefficient and threshold adaptation	02.08.2005
114731	ALU	05291661.6	EP1750380	DE	Decision feedback equalizer with analog feedback and eye monitor for automatic coefficient and threshold adaptation	02.08.2005
114731	ALU	05291661.6	EP1750380	GB	Decision feedback equalizer with analog feedback and eye monitor for automatic coefficient and threshold adaptation	02.08.2005
115006	ALU	06291267.0	EP1884758	GB	Control loop for an integrated measurement procedure	03.08.2006
105952	ALU	05300944.5	EP1788833	FR	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	DE	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	IT	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	ES	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	GB	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	NL	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
150238	ALU	200880017276.3	ZL200880017276.3	CN	Detection Of Spam/Telemarketing Phone Campaigns With Impersonated Caller Identities In Converged Networks	15.05.2008
Bhatia 13-15-27 (RS)	ALU	200880010894.5	ZL200880010894.5	CN	Method and Appartus For Providing Interactive Services To Users Using Unicast And Broadcast Wireless Networks	13.03.2008
802122	ALU	07291421.1	EP2066044	FR	Method to increase the span length in optical OFDM systems	29.11.2007
802122	ALU	07291421.1	EP2066044	DE	Method to increase the span length in optical OFDM systems	29.11.2007
802122	ALU	07291421.1	EP2066044	GB	Method to increase the span length in optical OFDM systems	29.11.2007
805955	ALU	12/635265	US8576698	US	CFM Timeout Interval Control To Support Hitless Software Upgrades	10.12.2009
114061	ALU	06020659.6	EP1737148	FR	Optical Data Packet source	30.09.2006
114061	ALU	06020659.6	EP1737148	DE	Optical Data Packet source	30.09.2006
114061	ALU	06020659.6	EP1737148	GB	Optical Data Packet source	30.09.2006
104564	ALU	04290499.5	EP1455451	FR	RTD-BASED RZ DECISION CIRCUIT	25.02.2004
104564	ALU	04290499.5	EP1455451	DE	RTD-BASED RZ DECISION CIRCUIT	25.02.2004
104564	ALU	04290499.5	EP1455451	GB	RTD-BASED RZ DECISION CIRCUIT	25.02.2004
114622	ALU	05292483.4	EP1788730	FR	constant gain EDFA with fixed tilt loss compensation	21.11.2005
114622	ALU	05292483.4	EP1788730	DE	constant gain EDFA with fixed tilt loss compensation	21.11.2005
114622	ALU	05292483.4	EP1788730	GB	constant gain EDFA with fixed tilt loss compensation	21.11.2005
120721	ALU	12/564502	US8457132	US	Per adapter routing table	22.09.2009
Doerr 131-31 (CR)	ALU	12/586639	US7929813	US	Compact 16 QAM Optical Modulator	25.09.2009
806008	ALU	12/565600	US8180227	US	Digital Coherent Detection Of Multi-Carrier Optical Signal	23.09.2009
Dimeo 1-19-4-9 (RW)	ALU	01301959.1	EP1182788	FR	Band Edge Amplitude Reduction System And Method	05.03.2001
Dimeo 1-19-4-9 (RW)	ALU	01301959.1	EP1182788	DE	Band Edge Amplitude Reduction System And Method	05.03.2001
Dimeo 1-19-4-9 (RW)	ALU	01301959.1	EP1182788	GB	Band Edge Amplitude Reduction System And Method	05.03.2001
805370	ALU	0959335	FR2954547	FR	Hosted and managed security service for non-technical people using network behavior techniques	21.12.2009
800830	ALU	08103384.7	EP1998513	FR	Adaptive jitter buffer for asynchronous connection support	04.04.2008
800830	ALU	08103384.7	EP1998513	DE	Adaptive jitter buffer for asynchronous connection support	04.04.2008
800830	ALU	08103384.7	EP1998513	GB	Adaptive jitter buffer for asynchronous connection support	04.04.2008
805174	ALU	0956727	FR2950765	FR	"void" regeneration for multiplexing of multi-modulation rates optical packets	29.09.2009
Pfeiffer 26 (LN)	ALU	12/587058	US7927978	US	Devices Including Graphene Layers Epitaxially Grown On Single Crystal Substrates	01.10.2009
805656	ALU	12/627571	US8325744	US	Privacy Mechanism for Processing In Shared IPTV Environment`	30.11.2009
805839	ALU	12/685895	US8643929	US	High Speed Nested Mach-Zehnder Modulator With Asymmetric Carrier Dynamics	12.01.2010
805842	ALU	12/639525	US8326109	US	Low-Cost Fast Variable Optical Attenuator For Optical Wavelength Tracking	16.12.2009
805937	ALU	12/641601	US8238017	US	Photonic Match Filter	18.12.2009
805557	ALU	12/642762	US8526831	US	Receiver Algorithms For Coherent Detection Of Polarization-Multiplexed Optical Signals	18.12.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805986	ALU	1000182	FR2955435	FR	Coherent receiver optimization through enhanced digital spectral analysis	18.01.2010
805762	ALU	0906197	FR2954637	FR	Efficient scheme for protection in systems based on coherent detection	21.12.2009
806009	ALU	12/685470	US8483575	US	Apparatus And Method For Generating Frequency-Locked Optical Comb Sources	11.01.2010
800503	ALU	200880014785.0	ZL80014785.0	CN	New Mechanisms for Commerical Insertion	30.04.2008
800503	ALU	08747142.1	EP2153650	EP	New Mechanisms for Commerical Insertion	30.04.2008
105610	ALU	05766719.8	EP1757073	FR	NEAREST SERVER DETECTION	31.05.2005
105610	ALU	05766719.8	EP1757073	DE	NEAREST SERVER DETECTION	31.05.2005
105610	ALU	05766719.8	EP1757073	GB	NEAREST SERVER DETECTION	31.05.2005
800161	ALU	07290769.4	EP2007082	FR	LOGIC FOR DETECTING NETWORK CONGESTION	20.06.2007
800161	ALU	07290769.4	EP2007082	DE	LOGIC FOR DETECTING NETWORK CONGESTION	20.06.2007
800161	ALU	07290769.4	EP2007082	GB	LOGIC FOR DETECTING NETWORK CONGESTION	20.06.2007
Liu 67-26 (X)	ALU	12/712247	US8611751	US	System, Apparatus And Method For Communication Data VIA Polarization Multiplexing	25.02.2010
804336	ALU	12/488507	US7869709	US	Channel Identification in Communications Networks	19.06.2009
805424	ALU	12/615439	US8295712	US	An Optical Device And Method For Linear Optical Frequency Modulation To Optical Amplitude Modulation Conversion	10.11.2009
Duttweiler 29 (DL)	ALU	00307592.6	EP1094616	FR	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	04.09.2000
Duttweiler 29 (DL)	ALU	00307592.6	EP1094616	DE	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	04.09.2000
Duttweiler 29 (DL)	ALU	00307592.6	EP1094616	GB	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	04.09.2000
Balachandran 12-39-15 (K)	ALU	06023311.1	EP1758277	FR	Burst Based Access And Assignment Method For Providing Real-Time Services	27.11.2000
Balachandran 12-39-15 (K)	ALU	06023311.1	EP1758277	DE	Burst Based Access And Assignment Method For Providing Real-Time Services	27.11.2000
Balachandran 12-39-15 (K)	ALU	06023311.1	EP1758277	GB	Burst Based Access And Assignment Method For Providing Real-Time Services	27.11.2000
806150	ALU	12/640997	US8270524	US	Method And Apparatus For Interference Post-Compensation Using A Bandwidth-Adaptive Postcoder Interface	17.12.2009
801369	ALU	200880015974.X	ZL200880015974.X	CN	Dual OSS Management of an Ethernet Access Network	14.05.2008
801369	ALU	6637/CHENP/2009		IN	Dual OSS Management of an Ethernet Access Network	14.05.2008
801369	ALU	2010508554	JP5142233	JP	Dual OSS Management of an Ethernet Access Network	14.05.2008
801369	ALU	20097023739	KR101160402	KR	Dual OSS Management of an Ethernet Access Network	14.05.2008
121089	ALU	04293061.0	EP1672809	FR	LINE MEASUREMENT IN RT TO DERIVE TRANSMIT PSD AT THE RT.	20.12.2004
121089	ALU	04293061.0	EP1672809	DE	LINE MEASUREMENT IN RT TO DERIVE TRANSMIT PSD AT THE RT.	20.12.2004
121089	ALU	04293061.0	EP1672809	GB	LINE MEASUREMENT IN RT TO DERIVE TRANSMIT PSD AT THE RT.	20.12.2004
801942	ALU	08290213.1	EP2099240	FR	Location Service for Indoor WiMAX Systems	04.03.2008
801942	ALU	08290213.1	EP2099240	DE	Location Service for Indoor WiMAX Systems	04.03.2008
801942	ALU	08290213.1	EP2099240	GB	Location Service for Indoor WiMAX Systems	04.03.2008
804999	ALU	09306275.0	EP2337251	EP	Synchronization Interface in a small form factor pluggable module (SFFPM)	18.12.2009
800319	ALU	200880100791.8	ZL200880100791.8	CN	A Method And Tool For XML Policy Matching	17.07.2008
801048	ALU	629/CHENP/2010	IN278225	IN	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	25.07.2008
801048	ALU	20107002868	KR10-1449975	KR	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	25.07.2008
Espindola 12-10-15 (RP)	ALU	99307259.4	EP0989422	FR	Tapered Optical Fiber Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 12-10-15 (RP)	ALU	99307259.4	EP0989422	DE	Tapered Optical Fiber Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 12-10-15 (RP)	ALU	99307259.4	EP0989422	IT	Tapered Optical Fiber Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
Espindola 12-10-15 (RP)	ALU	99307259.4	EP0989422	GB	Tapered Optical Fiber Devices With Variable Index Coatings For Modifying Guide Properties Of The Fundamental Mode	14.09.1999
121185	ALU	7017/CHENP/2009		IN	REAL-TIME REMOTE CONTROL ADAPTATION TO IPTV SERVICE OPTIONSD AND PROFILE	15.05.2008

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
121185	ALU	2010509709	JP5728227	JP	REAL-TIME REMOTE CONTROL ADAPTATION TO IPTV SERVICE OPTIONSD AND PROFILE	15.05.2008
Feder 20-6 (PM)	ALU	07762540.8	EP1977624	FR	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	07762540.8	EP1977624	DE	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	07762540.8	EP1977624	GB	QoS-Aware Paging In A Wireless Communication System	11.01.2007
803070	ALU	09174715.4	EP2182677	EP	Security Assurance and Control at Network Management Layer	30.10.2009
806349	ALU	09290859.9	EP2323216	EP	Antenna Apparatus and Antenna Selection Method	12.11.2009
114739	ALU	04026902.9	EP1657839	FR	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	DE	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	IT	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	ES	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	GB	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
803786	ALU	200980150412.0	ZL200980150412.0	CN	ADAPTIVE PCN LEVELS	30.11.2009
803786	ALU	13/129907	US8688855	US	ADAPTIVE PCN LEVELS	30.11.2009
139455	ALU	06024691.5	EP1806903	FR	CUSTOM PRESENCE ICONS	29.11.2006
139455	ALU	06024691.5	EP1806903	DE	CUSTOM PRESENCE ICONS	29.11.2006
139455	ALU	06024691.5	EP1806903	GB	CUSTOM PRESENCE ICONS	29.11.2006
Millen 1-1 (SL)	ALU	12/655884	US7953388	US	Retrieving Jurisdiction Information From Home Location Register	07.01.2010
Namjoshi 5-18 (KS)	ALU	12/610825	US8683590	US	Method And Apparatus For Pattern Matching For Instrusion Detection/Prevention Systems	02.11.2009
803277	ALU	13/130005	US8824265	US	PREJOINING: ANTICIPATING THE ACTIVATION OF A DSL LINE	01.12.2009
806254	ALU	12/696642	US8493870	US	Method And Apparatus For Tracing Mobile Sessions	29.01.2010
806271	ALU	12/696425	US8542576	US	Method And Apparatus For Auditing 4G Mobility Networks	29.01.2010
Kulkarni 3-122 (NA)	ALU	12/657386	US7929945	US	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	20.01.2010
Bijwaard 7-17-5 (DJ)	ALU	07852782.7	EP2076998	FR	Method And Apparatus For Establishing Multicast Groups	16.10.2007
Bijwaard 7-17-5 (DJ)	ALU	07852782.7	EP2076998	DE	Method And Apparatus For Establishing Multicast Groups	16.10.2007
Bijwaard 7-17-5 (DJ)	ALU	07852782.7	EP2076998	GB	Method And Apparatus For Establishing Multicast Groups	16.10.2007
150023	ALU	06300057.4	EP1705967	FR	Off-grid Decoupling of BGA Devices	23.01.2006
150023	ALU	06300057.4	EP1705967	DE	Off-grid Decoupling of BGA Devices	23.01.2006
150023	ALU	06300057.4	EP1705967	GB	Off-grid Decoupling of BGA Devices	23.01.2006
121022	ALU	04290905.1	EP1585253	FR	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	DE	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	IT	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	NL	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	PL	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	ES	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	TR	HOME IP PLUG CONTROLLER.	05.04.2004
121022	ALU	04290905.1	EP1585253	GB	HOME IP PLUG CONTROLLER.	05.04.2004
806290	ALU	12/696520	US8868029	US	Method And Apparatus For Managing Mobile Resource Usage	29.01.2010
806101	ALU	10305246.0		EP	Cross-layer Design for Partial Interference Cancellation	12.03.2010
139343	ALU	06007636.1	EP1718030	FR	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	12.04.2006
139343	ALU	06007636.1	EP1718030	DE	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	12.04.2006
139343	ALU	06007636.1	EP1718030	GB	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	12.04.2006
806165	ALU	10305312.0		EP	Transform Virtual Objects into Physical Objects	26.03.2010
806261	ALU	10305311.2		EP	System and Method for Transforming Web from 2D into 3D	26.03.2010
805976	ALU	12/657195	US8379522	US	Link Aggregation Flood Control	15.01.2010
804444	ALU	12/787981	US8625458	US	Dynamic Route Cost Adjustment Of VRRP Enabled Subnets For Routing Protocols	26.05.2010
806190	ALU	10290213.7	EP2381597	EP	Low-Cost HW Fading Simulator using RRH	21.04.2010
805850	ALU	12/801014	US8314654	US	Multi-Band High-Efficiency Doherty Amplifer	17.05.2010
806550	ALU	12/826397	US8644337	US	Authorizing QoS Per QCI	29.06.2010
805935	ALU	12/883315	US8655881	US	Method And Apparatus For Automatically Tagging Content	16.09.2010
806412	ALU	12/801049	US8433327	US	Methods Of Determining Coverage Areas	19.05.2010
805557	ALU	12/642764	US8571423	US	Receiver Algorithms For Coherent Detection Of Polarization-Multiplexed Optical Signals	18.12.2009
805557	ALU	12/642765	US8295714	US	Receiver Algorithms For Coherent Detection Of Polarization-Multiplexed Optical Signals	18.12.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
800705	ALU	200780053621.4	ZL200780053621.4	CN	Earthing kit with partly sealed locking tabs	02.07.2007
800705	ALU	12/667350	US8052490	US	Earthing kit with partly sealed locking tabs	02.07.2007
801920	ALU	200880102014.7	ZL200880102014.7	CN	HYBRID APPLICATION IDENTIFICATION USING STATISTICALLY GENERATED RULES FOR ENCRYPTED TRAFFIC	06.08.2008
801920	ALU	2010519464	JP4955107	JP	HYBRID APPLICATION IDENTIFICATION USING STATISTICALLY GENERATED RULES FOR ENCRYPTED TRAFFIC	06.08.2008
801920	ALU	20107002924	KR1110956	KR	HYBRID APPLICATION IDENTIFICATION USING STATISTICALLY GENERATED RULES FOR ENCRYPTED TRAFFIC	06.08.2008
Li 13-33-55 (L)	ALU	200880023618.2	ZL200880023618.2	CN	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008
Li 13-33-55 (L)	ALU	601/CHENP/2010		IN	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008
Li 13-33-55 (L)	ALU	2010516025	JP5204225	JP	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008
Li 13-33-55 (L)	ALU	20097027404	KR101528788	KR	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008
804594	ALU	201010118247.5	ZL201010118247.5	CN	Software architecture to merge telephony services over heterogeneous network	23.02.2010
804594	ALU	230/CHE/2010		IN	Software architecture to merge telephony services over heterogeneous network	29.01.2010
804594	ALU	12/712318	US8369270	US	Software architecture to merge telephony services over heterogeneous network	25.02.2010
806285	ALU	12/760165	US8244128	US	Optical Waveguide Multiplexer	14.04.2010
806350	ALU	12/640385	US8526985	US	Geo Concentrated Video Detection	17.12.2009
134150	ALU	04018514.2	EP1509009	FR	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	05.08.2004
134150	ALU	04018514.2	EP1509009	DE	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	05.08.2004
134150	ALU	04018514.2	EP1509009	GB	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	05.08.2004
806566	ALU	12/718019	US8301037	US	Iterative Carrier-Phase Estimation And Data Recovery for Coherent Optical Receivers	05.03.2010
806541	ALU	1004335	FR2967319	FR	PDM 3PSK modulation format for increase tolerance to non linear effects	04.11.2010
806543	ALU	1001076	FR2957735	FR	Dynamic Narrow Optical TX Filtering For Ultra High Density Optical Network	18.03.2010
806699	ALU	12/828017	US8675663	US	Method for QoS Authorization	30.06.2010
Nandagopal 20-56 (T)	ALU	12/646274	US8385206	US	Improvements To Single And Dual Rate Three Color Marker Systems	23.12.2009
801521	ALU	08851372.6		EP	Methods for Simplifying Prepaid Calling Card Procedures in VoIP and IMS Networks	22.10.2008
801521	ALU	2305/CHENP/2010		IN	Methods for Simplifying Prepaid Calling Card Procedures in VoIP and IMS Networks	22.10.2008
801521	ALU	20107008855	KR101460393	KR	Methods for Simplifying Prepaid Calling Card Procedures in VoIP and IMS Networks	22.10.2008
805938	ALU	12/826955	US8954515	US	Method And Apparatus For Reducing Application Update Traffic In Cellular Networks	30.06.2010
806405	ALU	13/025908	US8612386	US	Method And Apparatus For Peer-To-Peer Database Synchronization In Dynamic Networks	11.02.2011
806659	ALU	12/713664	US8589571	US	Method And Apparatus For Screening Request To Establish SIP Session	26.02.2010
803447	ALU	10150114.6		EP	Method And System For Triggering Enriched Presence	05.01.2010
Cheng 22-15-12 (F)	ALU	12/684250	US7903605	US	Coordinating Transmission Scheduling Among Multiple Base Stations	08.01.2010
Balachandran 31-16-28-4-1 (K)	ALU	04251888.6	EP1469641	FR	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	04251888.6	EP1469641	DE	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	04251888.6	EP1469641	GB	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
801248	ALU	07291354.4	EP2058993	FR	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	12.11.2007
801248	ALU	07291354.4	EP2058993	DE	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	12.11.2007
801248	ALU	07291354.4	EP2058993	GB	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	12.11.2007
150203	ALU	12/719967	US8259731	US	Fast Adaptive TCAM Sorting Algorithm For IPv4 And IPv6 Longest Prefix Matching	09.03.2010
140571	ALU	06012215.7	EP1734688	FR	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
140571	ALU	06012215.7	EP1734688	DE	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006
140571	ALU	06012215.7	EP1734688	GB	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006
131283	ALU	05290643.5	EP1705831	FR	DEADLOCK DETECTION IN AN ASON NETWORK	23.03.2005
131283	ALU	05290643.5	EP1705831	DE	DEADLOCK DETECTION IN AN ASON NETWORK	23.03.2005
131283	ALU	05290643.5	EP1705831	GB	DEADLOCK DETECTION IN AN ASON NETWORK	23.03.2005
801322	ALU	07291379.1	EP2063583	FR	Steering data traffic in client data cards for dual data trunk implementation	20.11.2007
801322	ALU	07291379.1	EP2063583	DE	Steering data traffic in client data cards for dual data trunk implementation	20.11.2007
801322	ALU	07291379.1	EP2063583	GB	Steering data traffic in client data cards for dual data trunk implementation	20.11.2007
114739	ALU	04026902.9	EP1657839	PL	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	AT	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	FI	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	GR	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	IE	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	NL	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	SE	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	CH	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	TR	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
806814	ALU	12/724542	US8463908	US	Hierarchical Resource Management in Network Management System	16.03.2010
121130	ALU	05290496.8	EP1699172	FR	LOCALISING HOME NETWORK FAULT.	04.03.2005
121130	ALU	05290496.8	EP1699172	DE	LOCALISING HOME NETWORK FAULT.	04.03.2005
121130	ALU	05290496.8	EP1699172	GB	LOCALISING HOME NETWORK FAULT.	04.03.2005
102077	ALU	00402020.2	EP1076470	FR	Space and spectrum selector.	13.07.2000
102077	ALU	00402020.2	EP1076470	DE	Space and spectrum selector.	13.07.2000
102077	ALU	00402020.2	EP1076470	GB	Space and spectrum selector.	13.07.2000
Eckl 8-20-3 (WF)	ALU	02254974.5	EP1383234	DE	Varactor With Extended Tuning Range	16.07.2002
Eckl 8-20-3 (WF)	ALU	02254974.5	EP1383234	GB	Varactor With Extended Tuning Range	16.07.2002
806876	ALU	12/659032		US	Source Based Queue Selection Mechanism In The Routing Environment	23.02.2010
106043	ALU	07731751.9	EP1999933	FR	INTERACTIVE USER PROFILE COMMUNITY	16.03.2007
106043	ALU	07731751.9	EP1999933	DE	INTERACTIVE USER PROFILE COMMUNITY	16.03.2007
106043	ALU	07731751.9	EP1999933	GB	INTERACTIVE USER PROFILE COMMUNITY	16.03.2007
800383	ALU	07290927.8	EP2019511	FR	Peering Monitor for Equivalent Access Bandwidth	24.07.2007
800383	ALU	07290927.8	EP2019511	DE	Peering Monitor for Equivalent Access Bandwidth	24.07.2007
800383	ALU	07290927.8	EP2019511	IT	Peering Monitor for Equivalent Access Bandwidth	24.07.2007
800383	ALU	07290927.8	EP2019511	ES	Peering Monitor for Equivalent Access Bandwidth	24.07.2007
800383	ALU	07290927.8	EP2019511	GB	Peering Monitor for Equivalent Access Bandwidth	24.07.2007
800304	ALU	200880104130.2	ZL200880104130.2	CN	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
800304	ALU	1534/CHENP/2010		IN	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
800304	ALU	2010525489	JP5420547	JP	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
800304	ALU	20107006015	KR101468763	KR	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
Ma 27-1 (Z)	ALU	PI0904328-4		BR	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
Ma 27-1 (Z)	ALU	1102/CHENP/2010		IN	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
Ma 27-1 (Z)	ALU	2011552008	JP5362042	JP	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
Ma 27-1 (Z)	ALU	20107021377	KR101562523	KR	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
806935	ALU	12/658910	US8537831	US	Method And System For Common Group Action Filtering In Telecom Network Environments	17.02.2010
Johnson 6-1-17 (RE)	ALU	00307643.7	EP1085668	FI	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	04.09.2000
Johnson 6-1-17 (RE)	ALU	00307643.7	EP1085668	FR	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	04.09.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Johnson 6-1-17 (RE)	ALU	00307643.7	EP1085668	DE	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	04.09.2000
Johnson 6-1-17 (RE)	ALU	00307643.7	EP1085668	SE	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	04.09.2000
Johnson 6-1-17 (RE)	ALU	00307643.7	EP1085668	GB	Method And Apparatus For Reducing Adjacent Channel Power In Wireless Communication Systems	04.09.2000
121127	ALU	05292346.3	EP1783996	FR	ADVANCED ADSL SPLITTER.	04.11.2005
121127	ALU	05292346.3	EP1783996	DE	ADVANCED ADSL SPLITTER.	04.11.2005
121127	ALU	05292346.3	EP1783996	GB	ADVANCED ADSL SPLITTER.	04.11.2005
105749	ALU	05112672.0	EP1677179	FR	SYMBOLOGY-BASED ORIGINAL CARTOGRAPHIC ZOOMING	21.12.2005
105749	ALU	05112672.0	EP1677179	DE	SYMBOLOGY-BASED ORIGINAL CARTOGRAPHIC ZOOMING	21.12.2005
105749	ALU	05112672.0	EP1677179	GB	SYMBOLOGY-BASED ORIGINAL CARTOGRAPHIC ZOOMING	21.12.2005
806442	ALU	12/751534	US8913496	US	System And Method For Dynamically Policing Network Traffic Based On Egress Queue Status	31.03.2010
106015	ALU	05850404.4	EP1964331	FR	LOGICAL PORT DEFINITION TO SUPPORT UNIDIRECTIONAL ETHERNET PORTS	13.12.2005
106015	ALU	05850404.4	EP1964331	DE	LOGICAL PORT DEFINITION TO SUPPORT UNIDIRECTIONAL ETHERNET PORTS	13.12.2005
106015	ALU	05850404.4	EP1964331	GB	LOGICAL PORT DEFINITION TO SUPPORT UNIDIRECTIONAL ETHERNET PORTS	13.12.2005
801274	ALU	200880112832.5	ZL200880112832.5	CN	Receiver Architecture for scalable video streams over TDMA/TDMA-OFDM/OFDMA communication system providing multimedia broadcast and multicast services	20.10.2008
801274	ALU	08842276.1		EP	Receiver Architecture for scalable video streams over TDMA/TDMA-OFDM/OFDMA communication system providing multimedia broadcast and multicast services	20.10.2008
801274	ALU	12/739198	US8934469	US	Receiver Architecture for scalable video streams over TDMA/TDMA-OFDM/OFDMA communication system providing multimedia broadcast and multicast services	20.10.2008
804683	ALU	201080029204.8	ZL201080029204.8	CN	Linking Inner and Outer MPLS Labels	22.06.2010
804683	ALU	2012518549	JP5426024	JP	Linking Inner and Outer MPLS Labels	22.06.2010
804110	ALU	201080019606.X	ZL201080019606	CN	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	22.04.2010
804110	ALU	8109/CHENP/2011		IN	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	22.04.2010
804110	ALU	2012507688	JP5245007	JP	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	22.04.2010
802007	ALU	08290016.8	EP2079196	FR	Method for protecting a network configuarion set up by a spanning tree protocol	08.01.2008
802007	ALU	08290016.8	EP2079196	DE	Method for protecting a network configuarion set up by a spanning tree protocol	08.01.2008
802007	ALU	08290016.8	EP2079196	GB	Method for protecting a network configuarion set up by a spanning tree protocol	08.01.2008
801623	ALU	2628/CHENP/2010		IN	Digital RF Combining Device for Indoor Wireless Systems	19.09.2008
801623	ALU	2010-532524	JP4955814	JP	Digital RF Combining Device for Indoor Wireless Systems	19.09.2008
801623	ALU	10-2010-7010091	KR10-1188121	KR	Digital RF Combining Device for Indoor Wireless Systems	19.09.2008
121339	ALU	07291509.3	EP2071815	FR	DSL OVERVOLTAGE PROTECTION	12.12.2007
121339	ALU	07291509.3	EP2071815	DE	DSL OVERVOLTAGE PROTECTION	12.12.2007
121339	ALU	07291509.3	EP2071815	GB	DSL OVERVOLTAGE PROTECTION	12.12.2007
801248	ALU	2693/CHENP/2010		IN	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	29.10.2008
801248	ALU	2010-533532	JP4960508	JP	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	29.10.2008
801248	ALU	10-2010-7010322	KR101112459	KR	Method of efficiency improvement for switch mode power amplifiers by input signal interleaving	29.10.2008
802700	ALU	08290696.7	EP2146448	FR	Adaptive non-linearity compensation in coherent receiver	16.07.2008
802700	ALU	08290696.7	EP2146448	DE	Adaptive non-linearity compensation in coherent receiver	16.07.2008
802700	ALU	08290696.7	EP2146448	GB	Adaptive non-linearity compensation in coherent receiver	16.07.2008
800833	ALU	08305284.5	EP2007049	FR	ROADM architecture for multi-bit-rates operation	19.06.2008
800833	ALU	08305284.5	EP2007049	DE	ROADM architecture for multi-bit-rates operation	19.06.2008
800833	ALU	08305284.5	EP2007049	GB	ROADM architecture for multi-bit-rates operation	19.06.2008
806837	ALU	12/877367	US8463672	US	Method And Apparatus For Facilitating Interim Billing For IMS Session Using Time-Based Interim Accounting Message To Determine Interm Processing Trigger	08.09.2010
806507	ALU	1001933	FR2959898	FR	On The Fly Data Sharing Conference based on email diffusion	05.05.2010
800834	ALU	08103607.1	EP1986361	FR	New WSS-based OXC architecture including XPM-mitigation	18.04.2008
800834	ALU	08103607.1	EP1986361	DE	New WSS-based OXC architecture including XPM-mitigation	18.04.2008
800834	ALU	08103607.1	EP1986361	GB	New WSS-based OXC architecture including XPM-mitigation	18.04.2008
806614	ALU	1052956	FR2959077	FR	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	19.04.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
106292	ALU	07820111.8	EP2074714	FR	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	07820111.8	EP2074714	DE	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	07820111.8	EP2074714	GB	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
807116	ALU	12/724578	US8589936	US	Borrower Prioritization And Pre-emption Process In Hierarchical Resource Management	16.03.2010
801321	ALU	07301656.0	EP2071755	FR	Mini Reconfigurable Optical Add Drop Multiplexer (ROADM) Ring	11.12.2007
801321	ALU	07301656.0	EP2071755	DE	Mini Reconfigurable Optical Add Drop Multiplexer (ROADM) Ring	11.12.2007
801321	ALU	07301656.0	EP2071755	GB	Mini Reconfigurable Optical Add Drop Multiplexer (ROADM) Ring	11.12.2007
801926	ALU	3735/CHENP/2010		IN	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	03.11.2008
801926	ALU	2010538853	JP5038506	JP	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	03.11.2008
801926	ALU	20107015928	KR101148652	KR	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	03.11.2008
802030	ALU	4162/CHENP/2010		IN	Automatic Ads Correlation	23.12.2008
802030	ALU	20107017483	KR101164750	KR	Automatic Ads Correlation	23.12.2008
806564	ALU	12/858050	US8619546	US	Method And Apparatus For Coping With Link Failures In Central Control Plane Architectures	17.08.2010
801532	ALU	07123593.1	EP2073382	FR	Free wheeling Diodes for Current Switched Class-S Circuit topology	19.12.2007
801532	ALU	07123593.1	EP2073382	DE	Free wheeling Diodes for Current Switched Class-S Circuit topology	19.12.2007
801532	ALU	07123593.1	EP2073382	GB	Free wheeling Diodes for Current Switched Class-S Circuit topology	19.12.2007
806857	ALU	1055004	FR2961933	FR	Well-being and health indicators via TV usage monitoring	23.06.2010
806797	ALU	12/816439	US8479290	US	Treatment Of Malicious Devices In A Mobile-Communication Network	16.06.2010
801595	ALU	08805051.3	EP2213110	EP	Users counter in Multicast Broadcast Services Zones	03.10.2008
806919	ALU	1002753	FR2962282	FR	Ethernet Synchronization Messaging Channel Tunnelling (ESMC-T)	30.06.2010
131320	ALU	06291071.6	EP1873967	FR	Method for improving SNMP error management	27.06.2006
131320	ALU	06291071.6	EP1873967	DE	Method for improving SNMP error management	27.06.2006
131320	ALU	06291071.6	EP1873967	GB	Method for improving SNMP error management	27.06.2006
801994	ALU	07291468.2	EP2093916	FR	OTH Gateway Interface	06.12.2007
801994	ALU	07291468.2	EP2093916	DE	OTH Gateway Interface	06.12.2007
801994	ALU	07291468.2	EP2093916	GB	OTH Gateway Interface	06.12.2007
803000	ALU	08155314.1	EP2079204	FR	Packet transport with reduced header processing	28.04.2008
803000	ALU	08155314.1	EP2079204	DE	Packet transport with reduced header processing	28.04.2008
803000	ALU	08155314.1	EP2079204	GB	Packet transport with reduced header processing	28.04.2008
802407	ALU	08006267.2	EP2107724	FR	Selective Address Learning in a Network Switch based on Backward Traffic Estimation	31.03.2008
802407	ALU	08006267.2	EP2107724	DE	Selective Address Learning in a Network Switch based on Backward Traffic Estimation	31.03.2008
802407	ALU	08006267.2	EP2107724	GB	Selective Address Learning in a Network Switch based on Backward Traffic Estimation	31.03.2008
134096	ALU	02024819.1	EP1311103	FR	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134096	ALU	02024819.1	EP1311103	DE	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134096	ALU	02024819.1	EP1311103	GB	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
807027	ALU	10290171.7	EP2372962	EP	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	31.03.2010
806820	ALU	1052385	FR2958399	FR	Non-coherent OTDR using Golay sequences in Multi-channel environment	31.03.2010
807141	ALU	10290395.2	EP2408128	EP	PTP-Network InterWorking Function (PN-IWF)	15.07.2010
807097	ALU	10305318.7		EP	Frequency-Comb-Based Photonic Integrated Transmitter	29.03.2010
802622	ALU	07301661.0	EP2071711	FR	Differenzgetriebe als Absolutwertgeber	11.12.2007
802622	ALU	07301661.0	EP2071711	DE	Differenzgetriebe als Absolutwertgeber	11.12.2007
802622	ALU	07301661.0	EP2071711	IT	Differenzgetriebe als Absolutwertgeber	11.12.2007
806074	ALU	10305335.1		EP	Athermal Optical Filters In Silicon-On-Insulator Waveguides	31.03.2010
806968	ALU	12/828443	US8959251	US	Implementation Of Switches In A Communication Network	01.07.2010
802923	ALU	2009211932	AU2009211932	AU	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	12.01.2009
802923	ALU	4767/CHENP/2010		IN	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	12.01.2009
802923	ALU	2010136977	RU2518383	RU	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	12.01.2009

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801124	ALU	08290555.5	EP2009871	FR	Media Session Keeper	13.06.2008
801124	ALU	08290555.5	EP2009871	DE	Media Session Keeper	13.06.2008
801124	ALU	08290555.5	EP2009871	GB	Media Session Keeper	13.06.2008
137794	ALU	12/800101	US8626883	US	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	06.05.2010
807129	ALU	12/847250	US8451717	US	Method And Apparatus For Rapid Switchover From Primary To Standby Multicast Trees	30.07.2010
Lin 5-1 (W)	ALU	12/757192	US7970428	US	Monitoring And Adjusting Transmit Power Level(s) In A Communications System	09.04.2010
131337	ALU	06292055.8	EP1936849	FR	Data mapper/demapper for VCONC LCAS protocol	22.12.2006
131337	ALU	06292055.8	EP1936849	DE	Data mapper/demapper for VCONC LCAS protocol	22.12.2006
131337	ALU	06292055.8	EP1936849	GB	Data mapper/demapper for VCONC LCAS protocol	22.12.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	FR	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	DE	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	NL	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	GB	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
807337	ALU	12/843492	US8468258	US	Bringing Up IPv6CP Between IP Pseudowire Service Access Point And Customer Equipment (CE) Service Access Point	26.07.2010
807361	ALU	12/779448	US8023834	US	Adaptive Polarization Tracking And Equalization In Coherent Optical Receivers	13.05.2010
114274	ALU	04291696.5	EP1612992	FR	Method for efficiently handling downlink multicast traffic in discontinuous networks	02.07.2004
114274	ALU	04291696.5	EP1612992	DE	Method for efficiently handling downlink multicast traffic in discontinuous networks	02.07.2004
114274	ALU	04291696.5	EP1612992	GB	Method for efficiently handling downlink multicast traffic in discontinuous networks	02.07.2004
807047	ALU	10290357.2		EP	Targeted Ad insertion for IGMP Join after a time interval/for a particular channel/any new channel	30.06.2010
802475	ALU	200880121721.0	ZL200880121721.0	CN	Resilient PPP/ML-PPP Services Over Multi-Chassis APS Protected Routers	16.12.2008
802475	ALU	3733/CHENP/2010		IN	Resilient PPP/ML-PPP Services Over Multi-Chassis APS Protected Routers	16.12.2008
802475	ALU	2010539037	JP5356404	JP	Resilient PPP/ML-PPP Services Over Multi-Chassis APS Protected Routers	16.12.2008
807367	ALU	13/093878		US	Event Based Social Networking Application	26.04.2011
804288	ALU	12/718992	US8625627	US	An Apparatus and Method for Controlling Data Transmission	07.03.2010
800504	ALU	200880115112.4	ZL200880115112.4	CN	S-band EDFA	07.11.2008
800504	ALU	2010532644	JP5751833	JP	S-band EDFA	07.11.2008
800504	ALU	12/734472	US8787721	US	S-band EDFA	07.11.2008
801470	ALU	200980101945.X	ZL200980101945.X	CN	MAC ADDRESS FLOODING DEFENCE	08.01.2009
801470	ALU	4007/CHENP/2010		IN	MAC ADDRESS FLOODING DEFENCE	08.01.2009
801470	ALU	2010541881	JP5111618	JP	MAC ADDRESS FLOODING DEFENCE	08.01.2009
801470	ALU	20107015258	KR101171545	KR	MAC ADDRESS FLOODING DEFENCE	08.01.2009
Heer 19 (AJ)	ALU	07867874.5	EP2100406	FR	Method And Apparatus For Improved Multicast Routing	19.12.2007
Heer 19 (AJ)	ALU	07867874.5	EP2100406	DE	Method And Apparatus For Improved Multicast Routing	19.12.2007
Heer 19 (AJ)	ALU	07867874.5	EP2100406	GB	Method And Apparatus For Improved Multicast Routing	19.12.2007
807268	ALU	1002755	FR2962279	FR	Synchronous Ethernet ESMC and SDH/SONET Time Inter-Working Function (EST-IWF)	30.06.2010
803000	ALU	2986/CHENP/2010		IN	Packet transport with reduced header processing	11.12.2008
803000	ALU	2010538597	JP5148716	JP	Packet transport with reduced header processing	11.12.2008
803000	ALU	1020107013276	KR101130098	KR	Packet transport with reduced header processing	11.12.2008
804620	ALU	10162090.4		EP	Payment protector system for memory deficient relatives	06.05.2010
802007	ALU	3092/CHENP/2010		IN	Method for protecting a network configuarion set up by a spanning tree protocol	19.12.2008
802007	ALU	2010541739	JP4938135	JP	Method for protecting a network configuarion set up by a spanning tree protocol	19.12.2008
802007	ALU	20107015139	KR101143767	KR	Method for protecting a network configuarion set up by a spanning tree protocol	19.12.2008
802935	ALU	2010547199	JP5114576	JP	interaction between handsets and urban furnitures	25.02.2009
802935	ALU	20107021139	KR101207730	KR	interaction between handsets and urban furnitures	25.02.2009
802013	ALU	08300108.1	EP2094022	FR	Multi-mode Fabric Access method and architecture w/ centralized control and error¿free EPS	22.02.2008
802013	ALU	08300108.1	EP2094022	DE	Multi-mode Fabric Access method and architecture w/ centralized control and error¿free EPS	22.02.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
802013	ALU	08300108.1	EP2094022	GB	Multi-mode Fabric Access method and architecture w/ centralized control and error¿free EPS	22.02.2008
807165	ALU	12/794268	US8295180	US	QoS-Aware Rate Throttling For Energy Efficient Delay Tolerant Data Transfer	04.06.2010
134175	ALU	05018975.2	EP1635519	FR	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	01.09.2005
134175	ALU	05018975.2	EP1635519	DE	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	01.09.2005
134175	ALU	05018975.2	EP1635519	GB	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	01.09.2005
807565	ALU	1054235	FR2960663	FR	A framework based on multiple directed graphs to use and manage the objects to the Web	01.06.2010
Rahman 7 (MA)	ALU	00304338.7	EP1058408	FR	Macrodiversity Control System Having Macrodiversity Mode Based On Operating Category Of Wireless Unit	23.05.2000
Rahman 7 (MA)	ALU	00304338.7	EP1058408	DE	Macrodiversity Control System Having Macrodiversity Mode Based On Operating Category Of Wireless Unit	23.05.2000
Rahman 7 (MA)	ALU	00304338.7	EP1058408	GB	Macrodiversity Control System Having Macrodiversity Mode Based On Operating Category Of Wireless Unit	23.05.2000
Cai 86-5-12-10-2 (Y)	ALU	07839696.7	EP2078373	FR	Third Party Charging For SIP Sessions	19.10.2007
Cai 86-5-12-10-2 (Y)	ALU	07839696.7	EP2078373	DE	Third Party Charging For SIP Sessions	19.10.2007
Cai 86-5-12-10-2 (Y)	ALU	07839696.7	EP2078373	GB	Third Party Charging For SIP Sessions	19.10.2007
803079	ALU	201010203959.7		CN	Manual attachment on customer's Femto cell.	12.06.2010
121295	ALU	06291989.9	EP1936931	FR	BINDER IDENTIFICATION THROUGH SINGLE ENDED LINE TESTING	19.12.2006
121295	ALU	06291989.9	EP1936931	DE	BINDER IDENTIFICATION THROUGH SINGLE ENDED LINE TESTING	19.12.2006
121295	ALU	06291989.9	EP1936931	GB	BINDER IDENTIFICATION THROUGH SINGLE ENDED LINE TESTING	19.12.2006
807438	ALU	12/987572	US8681605	US	Method And Apparatus For Using G.8031 Extensions To Enable Coexistence Of G.8031-Based Protection And Lag-Like Loadsharing For Ethernet Paths	10.01.2011
807439	ALU	12/966299	US9077645	US	Method And Apparatus For Controlling Multiple Registration Protocol (MRP) Scope Using MRP Policies	13.12.2010
807162	ALU	12/917852	US8693506	US	Transparent Clock Media Converter	02.11.2010
803167	ALU	2011513024	JP5226124	JP	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
803167	ALU	20107027747	KR101507197	KR	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
Cai 127-43 (Y)	ALU	200980103575.3	ZL200980103575.3	CN	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
Cai 127-43 (Y)	ALU	4378/CHENP/2010		IN	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
Cai 127-43 (Y)	ALU	2010544997	JP5307836	JP	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
Cai 127-43 (Y)	ALU	20107017225	KR101240021	KR	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
807602	ALU	10360030.0	EP2403277	EP	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	01.07.2010
801849	ALU	3776/CHENP/2010		IN	Diversity bROADBAND rADIATING eLEMENT	17.12.2008
801849	ALU	2010538697	JP5143911	JP	Diversity bROADBAND rADIATING eLEMENT	17.12.2008
801849	ALU	20107015988	KR101196250	KR	Diversity bROADBAND rADIATING eLEMENT	17.12.2008
Alfano 2-9-6 (FM)	ALU	06748781.9	EP1867202	FR	Telecommunication Network Support For Service Based Policy In Roaming Configurations	28.03.2006
Alfano 2-9-6 (FM)	ALU	06748781.9	EP1867202	DE	Telecommunication Network Support For Service Based Policy In Roaming Configurations	28.03.2006
Alfano 2-9-6 (FM)	ALU	06748781.9	EP1867202	GB	Telecommunication Network Support For Service Based Policy In Roaming Configurations	28.03.2006
106185	ALU	05301084.9	EP1802006	FR	AUTOMATIC CHROMATIC DISPERSION TUNING FOR FLEXIBLE SYSTEMS USING RAMAN DISTRIBUTED CO-PUMPING	20.12.2005
106185	ALU	05301084.9	EP1802006	DE	AUTOMATIC CHROMATIC DISPERSION TUNING FOR FLEXIBLE SYSTEMS USING RAMAN DISTRIBUTED CO-PUMPING	20.12.2005
106185	ALU	05301084.9	EP1802006	GB	AUTOMATIC CHROMATIC DISPERSION TUNING FOR FLEXIBLE SYSTEMS USING RAMAN DISTRIBUTED CO-PUMPING	20.12.2005
807320	ALU	1055877	FR2963197	FR	Wireless Internet Connection Green, Secure and Without Potential Health Impact	20.07.2010
Graybeal 4-17 (JM)	ALU	206543	IL206543	IL	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807258	ALU	12/986468	US8582933	US	Scabable Waveguide-Mode Coupler For An Optical Receiver Or Transmitter	07.01.2011
807382	ALU	12/961677	US8913899	US	WDM Power Source	07.12.2010
801664	ALU	200980102920.1	ZL200980102920.1	CN	Circuit Emulation Over An IP Interworking VLL	12.01.2009
801664	ALU	4556/CHENP/2010		IN	Circuit Emulation Over An IP Interworking VLL	12.01.2009
801664	ALU	2010543621	JP5242702	JP	Circuit Emulation Over An IP Interworking VLL	12.01.2009
801664	ALU	20107016681	KR1140453	KR	Circuit Emulation Over An IP Interworking VLL	12.01.2009
805311	ALU	099121113	TWI436680	TW	Message Delivery Over LTE Networks	28.06.2010
807314	ALU	12/897494	US8516585	US	System And Method For Detection Of Domain-Flux Botnets And The Like	04.10.2010
803027	ALU	200980106832.9	ZL200980106832.9	CN	Application Aware MPLS Tunnel Selection	17.02.2009
803027	ALU	09715466.0		EP	Application Aware MPLS Tunnel Selection	17.02.2009
802921	ALU	200980106767.X	ZL200980106767.X	CN	Bridgeport Private MAC Address Discovery Mechanism In Ethernet Access Networks	17.02.2009
801213	ALU	2010546439	JP5567501	JP	CUSTOMER PVR TO NETWORK DVR SYNCHRONIZATION	04.02.2009
807618	ALU	12/850788	US9608898	US	Method And Apparatus For Performing Multicast Traces In MPLS Networks	05.08.2010
807262	ALU	13/155818	US9397879	US	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	08.06.2011
137595	ALU	03300251.0	EP1429489	FR	IGMP Expedited Leave Triggered By MAC Address	09.12.2003
137595	ALU	03300251.0	EP1429489	DE	IGMP Expedited Leave Triggered By MAC Address	09.12.2003
137595	ALU	03300251.0	EP1429489	GB	IGMP Expedited Leave Triggered By MAC Address	09.12.2003
807058	ALU	12/892647	US9179103	US	System And Method For Controllably Viewing Digital Video Streams Captured By Surveillance Cameras	28.09.2010
807593	ALU	10306459.8		EP	Automatic Video Image Annotation	20.12.2010
807599	ALU	12/986728	US8731292	US	Efficient Video Duplication Detection	07.01.2011
807216	ALU	12/915743	US9667450	US	Detection And Correction Of Impulse Noise In Communication Channel Crosstalk Estimates	29.10.2010
807437	ALU	12/915829	US8514687	US	Efficient Generation Of Compensated Signals For Crosstalk Control In A Communication System	29.10.2010
807586	ALU	12/890167		US	System And Method For Anonymous Web Calling Charging Advice	25.09.2010
800744	ALU	07300845.0	EP1968248	FR	Squelching optimization for packet ring protection	05.03.2007
800744	ALU	07300845.0	EP1968248	DE	Squelching optimization for packet ring protection	05.03.2007
800744	ALU	07300845.0	EP1968248	GB	Squelching optimization for packet ring protection	05.03.2007
807301	ALU	12/916028	US9425894	US	In-Band Optical Signal-To-Noise Ratio Measurement	29.10.2010
807263	ALU	10306141.2		EP	Optical node architecture optimized for optical grooming	19.10.2010
807461	ALU	10306135.4		EP	Challenge based hosted access control and filtering for Internet contents	18.10.2010
802096	ALU	08748457.2	EP2278782	EP	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
802096	ALU	7618/CHENP/2010		IN	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
802096	ALU	20107027081	KR101508911	KR	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
802096	ALU	200880125305.8	ZL200880125305.8	CN	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
802257	ALU	4404/CHENP/2010		IN	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	14.01.2009
802257	ALU	2010542620	JP5679820	JP	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	14.01.2009
802257	ALU	20107018231	KR101468889	KR	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	14.01.2009
807917	ALU	12/838683	US8163634	US	Devices With Graphene Layers	19.07.2010
803613	ALU	2011537904	JP5367087	JP	Money transfer from one mobile subscriber to another mobile subscriber - instantaneously.	08.09.2009
803613	ALU	13/128317	US8775304	US	Money transfer from one mobile subscriber to another mobile subscriber - instantaneously.	08.09.2009
Riverstone 23 ()	ALU	02737154.1	EP1413092	FR	Method and System For Preventing Transmission Loops in a Label Switching Domain	23.05.2002
Riverstone 23 ()	ALU	02737154.1	EP1413092	DE	Method and System For Preventing Transmission Loops in a Label Switching Domain	23.05.2002
Riverstone 23 ()	ALU	02737154.1	EP1413092	GB	Method and System For Preventing Transmission Loops in a Label Switching Domain	23.05.2002
802722	ALU	4574/CHENP/2010		IN	Sequencing line tuning through RSVP	28.01.2009
802722	ALU	2010544686	JP5192554	JP	Sequencing line tuning through RSVP	28.01.2009
802722	ALU	20107018947	KR1224865	KR	Sequencing line tuning through RSVP	28.01.2009

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
106140	ALU	07111708.9	EP1879308	FR	OPTICAL TIME-TO-LIVE	04.07.2007
106140	ALU	07111708.9	EP1879308	DE	OPTICAL TIME-TO-LIVE	04.07.2007
106140	ALU	07111708.9	EP1879308	IT	OPTICAL TIME-TO-LIVE	04.07.2007
106140	ALU	07111708.9	EP1879308	PL	OPTICAL TIME-TO-LIVE	04.07.2007
106140	ALU	07111708.9	EP1879308	ES	OPTICAL TIME-TO-LIVE	04.07.2007
106140	ALU	07111708.9	EP1879308	GB	OPTICAL TIME-TO-LIVE	04.07.2007
802216	ALU	12735732	US8406154	US	A Novel Topology Aggregation Algorithm for ASON Routing	10.04.2008
106001	ALU	06290213.5	EP1806870	FR	Asynchronous, dynamic pseudo-multicast transmission for multimedia content	06.01.2006
106001	ALU	06290213.5	EP1806870	DE	Asynchronous, dynamic pseudo-multicast transmission for multimedia content	06.01.2006
106001	ALU	06290213.5	EP1806870	GB	Asynchronous, dynamic pseudo-multicast transmission for multimedia content	06.01.2006
807780	ALU	10290496.8		EP	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	21.09.2010
807934	ALU	12/944939	US8639070	US	Optical Assembly For A WDM Receiver Or Transmitter	12.11.2010
807931	ALU	12/944917	US8798409	US	Optical Transmitter With Flip-Chip Mounted Laser Or Integrated Arrayed Waveguide Grating Wavelength Division Muliplexer	12.11.2010
802578	ALU	200980108440.6	ZL200980108440.6	CN	10G XFP Compliant PCB	02.03.2009
802578	ALU	09719200.9		EP	10G XFP Compliant PCB	02.03.2009
802578	ALU	2010550324	JP5232878	JP	10G XFP Compliant PCB	02.03.2009
802578	ALU	20107020111	KR101167793	KR	10G XFP Compliant PCB	02.03.2009
801433	ALU	5800/CHENP/2010		IN	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
807511	ALU	12/915261	US8630652	US	Method For Optimizing The Location Of Heterogeneous Underlaid Evolved Node-Bs	29.10.2010
114905	ALU	06301068.0	EP1914903	FR	RF system for CDMA and UMTS	20.10.2006
114905	ALU	06301068.0	EP1914903	DE	RF system for CDMA and UMTS	20.10.2006
114905	ALU	06301068.0	EP1914903	GB	RF system for CDMA and UMTS	20.10.2006
802152	ALU	200980106026.1	ZL200980106026.1	CN	SIM-less device access for security services	04.02.2009
802152	ALU	09712236.0	EP2260640	EP	SIM-less device access for security services	04.02.2009
802152	ALU	12/867017	US8539084	US	SIM-less device access for security services	04.02.2009
800752	ALU	4879/CHENP/2010		IN	Intelligent directory	24.02.2009
800752	ALU	2011502310	JP5520285	JP	Intelligent directory	24.02.2009
800752	ALU	20107022086	KR101516035	KR	Intelligent directory	24.02.2009
801597	ALU	2011502331	JP5647101	JP	Mobile and Wired Phone convergence in residential WiFi coverage	20.03.2009
801597	ALU	20107022028	KR101469575	KR	Mobile and Wired Phone convergence in residential WiFi coverage	20.03.2009
806994	ALU	12/925862	US8588088	US	Content Based VLAN Classification And Framework For Ethernet Network To Support Content Based Bridging	01.11.2010
802741	ALU	200980106453.X	ZL200980106453.X	CN	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
802741	ALU	5355/CHENP/2010		IN	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
802741	ALU	2010548241	JP5600602	JP	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
802741	ALU	20107018971	KR1124721	KR	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
803003	ALU	200980106455.9	ZL200980106455.9	CN	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
803003	ALU	5359/CHENP/2010		IN	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
803003	ALU	2010548239	JP5405498	JP	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
803003	ALU	20107019138	KR1106891	KR	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
Kong 5-10-5-4 (H)	ALU	05251775.2	EP1587340	FR	Sector Switching Detection Method	23.03.2005
Kong 5-10-5-4 (H)	ALU	05251775.2	EP1587340	DE	Sector Switching Detection Method	23.03.2005
Kong 5-10-5-4 (H)	ALU	05251775.2	EP1587340	GB	Sector Switching Detection Method	23.03.2005
803004	ALU	200980106831.4	ZL200980106831.4	CN	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009
803004	ALU	5349/CHENP/2010		IN	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009
803004	ALU	2010548240	JP5053445	JP	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
803004	ALU	20107019180	KR1106878	KR	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009
807069	ALU	12/896656		US	System And Method For Distributing Digital Video Streams From Remote Video Surveillance Cameras To Display Devices	01.10.2010
803280	ALU	08305758.8	EP2182685	FR	Load-balancing Packet demultiplexers for 100 Gbps switch ports	30.10.2008
803280	ALU	08305758.8	EP2182685	DE	Load-balancing Packet demultiplexers for 100 Gbps switch ports	30.10.2008
803280	ALU	08305758.8	EP2182685	GB	Load-balancing Packet demultiplexers for 100 Gbps switch ports	30.10.2008
808126	ALU	12/883335	US8533192	US	Content Capture Device And Methods For Automatically Tagging Content	16.09.2010
139271	ALU	05010004.9	EP1596531	FR	REMOTE ACCESS LINK FAULT INDICATION	09.05.2005
139271	ALU	05010004.9	EP1596531	DE	REMOTE ACCESS LINK FAULT INDICATION	09.05.2005
139271	ALU	05010004.9	EP1596531	GB	REMOTE ACCESS LINK FAULT INDICATION	09.05.2005
104895	ALU	03293295.6	EP1453227	FR	PERFORMANCE OPTIMIZATION METHOD IN WAVEBAND SWITCHED TRANSPARENT NETWORKS	23.12.2003
104895	ALU	03293295.6	EP1453227	DE	PERFORMANCE OPTIMIZATION METHOD IN WAVEBAND SWITCHED TRANSPARENT NETWORKS	23.12.2003
104895	ALU	03293295.6	EP1453227	GB	PERFORMANCE OPTIMIZATION METHOD IN WAVEBAND SWITCHED TRANSPARENT NETWORKS	23.12.2003
137498	ALU	03300265.0	EP1432172	FR	IGMPv2 in PIM-SSM environment	12.12.2003
137498	ALU	03300265.0	EP1432172	DE	IGMPv2 in PIM-SSM environment	12.12.2003
137498	ALU	03300265.0	EP1432172	GB	IGMPv2 in PIM-SSM environment	12.12.2003
106355	ALU	07111720.4	EP1876806	FR	PRIORITIZING CALL DEPENDING CALLER LOCALIZATION	04.07.2007
106355	ALU	07111720.4	EP1876806	DE	PRIORITIZING CALL DEPENDING CALLER LOCALIZATION	04.07.2007
106355	ALU	07111720.4	EP1876806	GB	PRIORITIZING CALL DEPENDING CALLER LOCALIZATION	04.07.2007
Cai 135-38 (Y)	ALU	2011504998	JP5373057	JP	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 134-37 (Y)	ALU	200980114340.4	ZL200980114340.4	CN	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	2011506255	JP5269980	JP	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 135-38 (Y)	ALU	MX/a/2010/010973	MX310147	MX	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
802939	ALU	8355/CHENP/2010		IN	Communication release interactive task creation	23.06.2009
802939	ALU	2011515360	JP5351261	JP	Communication release interactive task creation	23.06.2009
802939	ALU	20117001696	KR101331680	KR	Communication release interactive task creation	23.06.2009
808196	ALU	10305988.7		EP	Speech Enabled Virtual Assistant	15.09.2010
Bemmel 2 (Jv)	ALU	05257056.1	EP1659755	FR	Method And Apparatus For Pre-Packetized Caching For Network Servers	15.11.2005
Bemmel 2 (Jv)	ALU	05257056.1	EP1659755	DE	Method And Apparatus For Pre-Packetized Caching For Network Servers	15.11.2005
Bemmel 2 (Jv)	ALU	05257056.1	EP1659755	GB	Method And Apparatus For Pre-Packetized Caching For Network Servers	15.11.2005
807979	ALU	2013-524444	JP5607252	JP	DHT Routing Table Manipulation	16.08.2011
807979	ALU	20137007006	KR101464452	KR	DHT Routing Table Manipulation	16.08.2011
Menten 4 (LE)	ALU	200980123920.X	ZL200980123920.X	CN	Processing Of Packet Fragments	28.04.2009
Guo 10-6-34-11 (KH)	ALU	12/885814	US8597124	US	Apparatus And Method For Fair Message Exchanges In Distributed Multi-Player Games	20.09.2010
807673	ALU	13/163118	US8948728	US	Method And Apparatus For Using A Cellular Network To Facilitate Access By A Mobile Device To A Local Wireless Access Point	17.06.2011
807985	ALU	13/006142	US8441927	US	Single Early Discard for Reduced Delay in Network Buffers	13.01.2011
807798	ALU	12/987336	US8848604	US	Application-Originated Text Messages Delivered Over A Packet-Switched Network	10.01.2011
Cai 137-18 (Y)	ALU	20107029749	KR101296048	KR	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
808012	ALU	13/180825	US8559336	US	Hint-Based Discovery Of LTE Path Supporting Information	12.07.2011
115044	ALU	06290635.9	EP1845641	FR	Viterbi equalizer for received signals with bit alternating modulation	12.04.2006
115044	ALU	06290635.9	EP1845641	DE	Viterbi equalizer for received signals with bit alternating modulation	12.04.2006
115044	ALU	06290635.9	EP1845641	GB	Viterbi equalizer for received signals with bit alternating modulation	12.04.2006
807539	ALU	13/192676	US8531985	US	System And Method For Configuration And Management Of Queue Sets	28.07.2011
804311	ALU	09290442.4	EP2161854	FR	System architecture for overlay on cellular systems for high mobility and beamforming	12.06.2009
804311	ALU	09290442.4	EP2161854	DE	System architecture for overlay on cellular systems for high mobility and beamforming	12.06.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804311	ALU	09290442.4	EP2161854	GB	System architecture for overlay on cellular systems for high mobility and beamforming	12.06.2009
807556	ALU	10306369.9		EP	Combined Single-Ended Line Test Using both Reflectometry and Metallic Line Test	07.12.2010
807558	ALU	10306341.8		EP	Domain Separation Using MELT Reference	02.12.2010
Fingerman 1-1-1 (AW)	ALU	2010191673	JP5115993	JP	Method And Apparatus For Remote Audiovisual Signal Recording Service	15.11.2000
807747	ALU	201010574810.X	ZL201010574810.X	CN	Authentication Based Multi-player On-line Video Game System	24.11.2010
803874	ALU	09290443.2	EP2161855	FR	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
803874	ALU	09290443.2	EP2161855	DE	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
803874	ALU	09290443.2	EP2161855	ES	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
803874	ALU	09290443.2	EP2161855	GB	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
808276	ALU	12/985108	US8792499	US	A Scheduling Algorithm For A Class Of Energy Efficient Optical Ring Network	05.01.2011
807888	ALU	10290634.4		EP	Tunnel Follow-Up Message For Transparent Clock (TFM4TC)	01.12.2010
800876	ALU	07291570.5	EP2073454	FR	MINIMUM AND MAXIMUM AGING TIME FOR MAC ENTRIES	19.12.2007
800876	ALU	07291570.5	EP2073454	DE	MINIMUM AND MAXIMUM AGING TIME FOR MAC ENTRIES	19.12.2007
800876	ALU	07291570.5	EP2073454	GB	MINIMUM AND MAXIMUM AGING TIME FOR MAC ENTRIES	19.12.2007
120902	ALU	03293024.0	EP1538801	FR	TONE BASED TRAINING DURING SHOWTIME.	03.12.2003
120902	ALU	03293024.0	EP1538801	DE	TONE BASED TRAINING DURING SHOWTIME.	03.12.2003
120902	ALU	03293024.0	EP1538801	GB	TONE BASED TRAINING DURING SHOWTIME.	03.12.2003
121108	ALU	04292881.2	EP1667359	FR	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	06.12.2004
121108	ALU	04292881.2	EP1667359	DE	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	06.12.2004
121108	ALU	04292881.2	EP1667359	GB	MULTI-ACS REMOTE MANAGEMENT OF AN HOME NETWORK.	06.12.2004
134096	ALU	02024819.1	EP1311103	IT	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134096	ALU	02024819.1	EP1311103	NL	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134096	ALU	02024819.1	EP1311103	ES	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134087	ALU	02798116.6	EP1430671	FR	Architecture for Transporting PBX Digital Telephone Messages via SIP	04.09.2002
134087	ALU	02798116.6	EP1430671	DE	Architecture for Transporting PBX Digital Telephone Messages via SIP	04.09.2002
134087	ALU	02798116.6	EP1430671	GB	Architecture for Transporting PBX Digital Telephone Messages via SIP	04.09.2002
Bejerano 20-13 (Y)	ALU	2011512424	JP5291190	JP	Method And Apparatus For Reducing Channel Change Response Times For IPTV	03.06.2008
Bejerano 20-13 (Y)	ALU	20107027336	KR101178853	KR	Method And Apparatus For Reducing Channel Change Response Times For IPTV	03.06.2008
Bejerano 20-13 (Y)	ALU	12/991698	US8605710	US	Method And Apparatus For Reducing Channel Change Response Times For IPTV	03.06.2008
114805	ALU	06290099.8	EP1808767	FR	Device selection for extensible services by using two level resource reservation	13.01.2006
114805	ALU	06290099.8	EP1808767	DE	Device selection for extensible services by using two level resource reservation	13.01.2006
114805	ALU	06290099.8	EP1808767	GB	Device selection for extensible services by using two level resource reservation	13.01.2006
808162	ALU	11290004.8	EP2475219	EP	WiFi Based Capacity Enforcement For Mobile Communication Systems	05.01.2011
808209	ALU	1059341	FR2967535	FR	Multi-link (delay) Asymmetry Monitoring (MAM)	15.11.2010
802718	ALU	6830/CHENP/2010		IN	Broadcast services and DSL backhauled Femto Base Stations	27.05.2009
802718	ALU	2011510996	JP5314131	JP	Broadcast services and DSL backhauled Femto Base Stations	27.05.2009
802718	ALU	20107029354	KR101530232	KR	Broadcast services and DSL backhauled Femto Base Stations	27.05.2009
114860	ALU	05291510.5	EP1744604	FR	Feedback Bridge for RF Amplifier	12.07.2005
114860	ALU	05291510.5	EP1744604	DE	Feedback Bridge for RF Amplifier	12.07.2005
114860	ALU	05291510.5	EP1744604	GB	Feedback Bridge for RF Amplifier	12.07.2005

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
137456	ALU	02293050.7	EP1329862	FR	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
137456	ALU	02293050.7	EP1329862	DE	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
137456	ALU	02293050.7	EP1329862	GB	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
801841	ALU	7092/CHENP/2010		IN	Dynamic preemption	23.04.2009
803348	ALU	2011515313	JP5562951	JP	Trusted plane for routing equipment embedding a tamper resistant device	17.06.2009
803348	ALU	20117001709	KR101519185	KR	Trusted plane for routing equipment embedding a tamper resistant device	17.06.2009
808498	ALU	10290665.8		EP	DSL Vectoring Stabilisation By Seamless Phase Out Of Excess Disturbers	17.12.2010
137456	ALU	02293050.7	EP1329862	IT	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
Cai 133-17 (Y)	ALU	241/CHENP/2011		IN	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
803669	ALU	200980127974.3	ZL200980127974.3	CN	Dynamic To Static VC Switching For TDM VLLS (Also Known As CPIPES Static To Dynamic VC-Switching)	03.07.2009
807819	ALU	10306154.5		EP	IEEE1588V2 Transparent clock DEViation for layer violation avoidance (T-DEV)	22.10.2010
804049	ALU	09305258.7	EP2234454	FR	Class-O EER Transmitter	24.03.2009
804049	ALU	09305258.7	EP2234454	DE	Class-O EER Transmitter	24.03.2009
804049	ALU	09305258.7	EP2234454	GB	Class-O EER Transmitter	24.03.2009
121314	ALU	07290234.9	EP1962544	FR	HIGH AVAILABILITY FOR BONDED LINE SUBSCRIBER INTERFACES ON A DSL ACCESS MULTIPLEXER.	20.02.2007
121314	ALU	07290234.9	EP1962544	DE	HIGH AVAILABILITY FOR BONDED LINE SUBSCRIBER INTERFACES ON A DSL ACCESS MULTIPLEXER.	20.02.2007
121314	ALU	07290234.9	EP1962544	IT	HIGH AVAILABILITY FOR BONDED LINE SUBSCRIBER INTERFACES ON A DSL ACCESS MULTIPLEXER.	20.02.2007
121314	ALU	07290234.9	EP1962544	NL	HIGH AVAILABILITY FOR BONDED LINE SUBSCRIBER INTERFACES ON A DSL ACCESS MULTIPLEXER.	20.02.2007
121314	ALU	07290234.9	EP1962544	ES	HIGH AVAILABILITY FOR BONDED LINE SUBSCRIBER INTERFACES ON A DSL ACCESS MULTIPLEXER.	20.02.2007
121314	ALU	07290234.9	EP1962544	GB	HIGH AVAILABILITY FOR BONDED LINE SUBSCRIBER INTERFACES ON A DSL ACCESS MULTIPLEXER.	20.02.2007
Jiang 21-2-12-7 (F)	ALU	05257615.4	EP1672951	FR	Method For Detecting Reverse Link Collisions On An Air Interface	13.12.2005
Jiang 21-2-12-7 (F)	ALU	05257615.4	EP1672951	DE	Method For Detecting Reverse Link Collisions On An Air Interface	13.12.2005
Jiang 21-2-12-7 (F)	ALU	05257615.4	EP1672951	GB	Method For Detecting Reverse Link Collisions On An Air Interface	13.12.2005
807526	ALU	12/962926	US8934408	US	System And Method For Proportional Resource Allocation For Multi-Rate Random Access	08.12.2010
Feder 21-7-18-17-25 (PM)	ALU	12/900246	US8750206	US	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	07.10.2010
114458	ALU	05291736.6	EP1755348	FR	Intelligent Encapsulation and Processing Layer for Signalling Protocols	16.08.2005
114458	ALU	05291736.6	EP1755348	DE	Intelligent Encapsulation and Processing Layer for Signalling Protocols	16.08.2005
114458	ALU	05291736.6	EP1755348	GB	Intelligent Encapsulation and Processing Layer for Signalling Protocols	16.08.2005
Feder 21-7-18-17-25 (PM)	ALU	10013869.2		EP	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
803512	ALU	09159090.1	EP2139212	FR	Non speech Packet Loss Enhancer (NSPLE)	29.04.2009
803512	ALU	09159090.1	EP2139212	DE	Non speech Packet Loss Enhancer (NSPLE)	29.04.2009
803512	ALU	09159090.1	EP2139212	GB	Non speech Packet Loss Enhancer (NSPLE)	29.04.2009
106311	ALU	07820360.1	EP2067221	DE	DBR LASER WITH COMPRESSIVELY STRAINED MATERIAL PROVIDING ENHANCED TUNABILITY	19.09.2007
106311	ALU	07820360.1	EP2067221	GB	DBR LASER WITH COMPRESSIVELY STRAINED MATERIAL PROVIDING ENHANCED TUNABILITY	19.09.2007
808661	ALU	12/944928	US8516152	US	Lookahead Computation Of Routing Information	12.11.2010
808521	ALU	11360006.8		EP	Cavity-Backed Patch Antennas For Compact 4G Base-Station Antnna Arrays	12.01.2011
808542	ALU	12/984491	US8928756	US	Surveillance Video Router	04.01.2011
802158	ALU	7958/CHENP/2010		IN	Call Centers : Click-To-Call and Advanced Call Routing	01.06.2009
802158	ALU	13/000713	US8867554	US	Call Centers : Click-To-Call and Advanced Call Routing	01.06.2009
104990	ALU	04291563.7	EP1501241	FR	TRANSACTION FRAMEWORK FOR NETWORK ELEMENTS PROVISIONING BASED ON POLICY MANAGEMENT	21.06.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
104990	ALU	04291563.7	EP1501241	DE	TRANSACTION FRAMEWORK FOR NETWORK ELEMENTS PROVISIONING BASED ON POLICY MANAGEMENT	21.06.2004
104990	ALU	04291563.7	EP1501241	GB	TRANSACTION FRAMEWORK FOR NETWORK ELEMENTS PROVISIONING BASED ON POLICY MANAGEMENT	21.06.2004
139270	ALU	12/950715	US8699353	US	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	19.11.2010
808200	ALU	13/053591	US9002057	US	Collaborative Camera Servies For Distributed Real-Time Object Analysis	22.03.2011
808442	ALU	12/964578	US8787882	US	Resource Profile Adjustment For Pre-Fetching Of Assets To User Equipment	09.12.2010
806850	ALU	13/011487	US9621360	US	System And Method For Analyzing Network Power Consumption	21.01.2011
802736	ALU	13/003601	US8363646	US	medical teaching via web services	10.07.2009
121081	ALU	04293136.0	EP1675368	FR	ACTIVE SELF TEST FOR IN-HOUSE WIRING PROBLEMS.	24.12.2004
121081	ALU	04293136.0	EP1675368	DE	ACTIVE SELF TEST FOR IN-HOUSE WIRING PROBLEMS.	24.12.2004
121081	ALU	04293136.0	EP1675368	GB	ACTIVE SELF TEST FOR IN-HOUSE WIRING PROBLEMS.	24.12.2004
801286	ALU	07290529.2	EP1986350	FR	Device and method for access control in optical networks	26.04.2007
801286	ALU	07290529.2	EP1986350	DE	Device and method for access control in optical networks	26.04.2007
801286	ALU	07290529.2	EP1986350	GB	Device and method for access control in optical networks	26.04.2007
800958	ALU	04290366.6	EP1450573	FR	Method of controlling a mode of reporting of measurements on a radio	11.02.2004
800958	ALU	04290366.6	EP1450573	DE	Method of controlling a mode of reporting of measurements on a radio	11.02.2004
800958	ALU	04290366.6	EP1450573	GB	Method of controlling a mode of reporting of measurements on a radio	11.02.2004
808758	ALU	11290076.6		EP	Dynamic HAS Caching Algorithms	07.02.2011
808420	ALU	13/038183	US8754925	US	An Audio Source Locator And Tracker, A Method Of Directing A Camera To View An Audio Source And Video Conferencing Terminal	01.03.2011
139177	ALU	05014053.2	EP1619833	FR	EFFICIENT LOAD BALANCING IN VPLS NETWORKS	29.06.2005
139177	ALU	05014053.2	EP1619833	DE	EFFICIENT LOAD BALANCING IN VPLS NETWORKS	29.06.2005
139177	ALU	05014053.2	EP1619833	GB	EFFICIENT LOAD BALANCING IN VPLS NETWORKS	29.06.2005
805534	ALU	12/960936	US8588258	US	Automatic Management of Precision Time Protocol IEEE 1588V2 : implementation and protocol description (AMP)	06.12.2010
103207	ALU	01401326.2	EP1193945	FR	Internet access control.	21.05.2001
103207	ALU	01401326.2	EP1193945	DE	Internet access control.	21.05.2001
103207	ALU	01401326.2	EP1193945	IT	Internet access control.	21.05.2001
103207	ALU	01401326.2	EP1193945	ES	Internet access control.	21.05.2001
103207	ALU	01401326.2	EP1193945	GB	Internet access control.	21.05.2001
Eckl 13-7 (WF)	ALU	04255952.6	EP1643636	FR	Characterizing Linearity Of Amplifiers	29.09.2004
Eckl 13-7 (WF)	ALU	04255952.6	EP1643636	DE	Characterizing Linearity Of Amplifiers	29.09.2004
Eckl 13-7 (WF)	ALU	04255952.6	EP1643636	GB	Characterizing Linearity Of Amplifiers	29.09.2004
808529	ALU	11305751.7	EP2536176	EP	Transforming Text Into Voice Messages During a Telephone Call	16.06.2011
808256	ALU	11290248.1		EP	Architecture and Method to Maximize Consumer Utility of Recommended Content	01.06.2011
808502	ALU	11290097.2		EP	Consulting interactive TV content for past programs	18.02.2011
808781	ALU	13/029168		US	Method And Apparatus For Providing An Immersive Meeting Experience For Remote Meeting Participants	17.02.2011
808258	ALU	11290071.7		EP	Automatic Capture of the network Delay Component (AC-DC)	01.02.2011
803437	ALU	9324/DELNP/2010		IN	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
803437	ALU	2011515439	JP5470379	JP	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
803437	ALU	20117002107	KR101434940	KR	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
803874	ALU	200980125521.7	ZL200980125521.7	CN	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
803874	ALU	8497/CHENP/2010		IN	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
803874	ALU	10-2010-7029492	KR10-1174727	KR	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
803874	ALU	13/002185	US8848605	US	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
802957	ALU	200980126864.5	ZL200980126864.5	CN	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	10.07.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
802957	ALU	2011517168	JP5541634	JP	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	10.07.2009
802957	ALU	20117003114	KR101555828	KR	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	10.07.2009
802957	ALU	13/003627	US8589158	US	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	10.07.2009
803669	ALU	2011518054	JP5209116	JP	Dynamic To Static VC Switching For TDM VLLS (Also Known As CPIPES Static To Dynamic VC-Switching)	03.07.2009
803669	ALU	20117003736	KR101206637	KR	Dynamic To Static VC Switching For TDM VLLS (Also Known As CPIPES Static To Dynamic VC-Switching)	03.07.2009
807485	ALU	13/167522	US8837500	US	Service Data Flow Direction/Redirection	23.06.2011
808178	ALU	13/272842	US9480045	US	Networks And Methods For Paging Message Control	13.10.2011
115185	ALU	06301016.9	EP1909413	FR	Improved PSBT system for limited optical bandwidth	05.10.2006
115185	ALU	06301016.9	EP1909413	DE	Improved PSBT system for limited optical bandwidth	05.10.2006
115185	ALU	06301016.9	EP1909413	GB	Improved PSBT system for limited optical bandwidth	05.10.2006
807569	ALU	13/087125	US8908851	US	System And Method For Reducing Power Consumption In A Telecommunications Facility	14.04.2011
808675	ALU	11290143.4		EP	Open UICC framework	22.03.2011
808959	ALU	10306498.6		EP	Integrated Video Monitoring Planning, Camera Configuration & Calibration For CCTV Deployment	23.12.2010
Cheng 19-13-9 (F)	ALU	07752740.6	EP1997342	FR	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	07752740.6	EP1997342	DE	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	07752740.6	EP1997342	IT	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	07752740.6	EP1997342	ES	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
Cheng 19-13-9 (F)	ALU	07752740.6	EP1997342	GB	Method For Coordinated Control Of Radio Resources In A Distributed Wireless System	09.03.2007
805367	ALU	100108565	TWI496435	TW	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	14.03.2011
808595	ALU	13/076652	US8559813	US	Passband Reflectometer	31.03.2011
Hertlein 3-40-2 (GH)	ALU	06836370.4	EP1941684	FR	A Method For Providing A Multicast Service Within A Wireless Communications System	16.10.2006
Hertlein 3-40-2 (GH)	ALU	06836370.4	EP1941684	DE	A Method For Providing A Multicast Service Within A Wireless Communications System	16.10.2006
Hertlein 3-40-2 (GH)	ALU	06836370.4	EP1941684	GB	A Method For Providing A Multicast Service Within A Wireless Communications System	16.10.2006
Xie 19 (C)	ALU	20117002405	KR101254939	KR	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
803138	ALU	200980133382.2	ZL200980133382.2	CN	In-Band DPI Media Reservation Modifications To RFC3313	19.08.2009
803138	ALU	09787215.4		EP	In-Band DPI Media Reservation Modifications To RFC3313	19.08.2009
803524	ALU	200980133554.6	ZL200980133554.6	CN	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
803524	ALU	2011524511	JP5384645	JP	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
803524	ALU	20117004560	KR101211742	KR	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
803524	ALU	1387/CHENP/2011		IN	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
803138	ALU	1379/CHENP/2011		IN	In-Band DPI Media Reservation Modifications To RFC3313	19.08.2009
803138	ALU	2011524510	JP5312594	JP	In-Band DPI Media Reservation Modifications To RFC3313	19.08.2009
803138	ALU	20117004434	KR101259689	KR	In-Band DPI Media Reservation Modifications To RFC3313	19.08.2009
802041	ALU	07301360.9	EP2037120	FR	Wind BTS	13.09.2007
802041	ALU	07301360.9	EP2037120	DE	Wind BTS	13.09.2007
802041	ALU	07301360.9	EP2037120	GB	Wind BTS	13.09.2007
808773	ALU	11305848.1	EP2541807	EP	Skew compensation applied in Optical reflectometry	30.06.2011
804109	ALU	08877477.3		EP	MPLS Payload Encryption	20.10.2008
804109	ALU	2011531299	JP5319777	JP	MPLS Payload Encryption	20.10.2008
804109	ALU	20117011405	KR101584836	KR	MPLS Payload Encryption	20.10.2008

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Jordan 3-16 (R)	ALU	08019245.3	EP2026123	FR	Tunable All-Pass Optical Filters With Large Free Spectral Ranges	08.05.2001
Jordan 3-16 (R)	ALU	08019245.3	EP2026123	DE	Tunable All-Pass Optical Filters With Large Free Spectral Ranges	08.05.2001
Jordan 3-16 (R)	ALU	08019245.3	EP2026123	GB	Tunable All-Pass Optical Filters With Large Free Spectral Ranges	08.05.2001
Chu 9-14-9 (TP)	ALU	05255878.0	EP1643796	FR	Apparatus For Decomposing An Automatic Cross Connect System At A Remote Wiring Hub	22.09.2005
Chu 9-14-9 (TP)	ALU	05255878.0	EP1643796	DE	Apparatus For Decomposing An Automatic Cross Connect System At A Remote Wiring Hub	22.09.2005
Chu 9-14-9 (TP)	ALU	05255878.0	EP1643796	GB	Apparatus For Decomposing An Automatic Cross Connect System At A Remote Wiring Hub	22.09.2005
808933	ALU	11306025.5		EP	HTTP Adaptive Streaming With Network Hints	09.08.2011
139009	ALU	03019239.7	EP1395079	FR	STORAGE MODULE LOCATED IN DSLAM	26.08.2003
139009	ALU	03019239.7	EP1395079	DE	STORAGE MODULE LOCATED IN DSLAM	26.08.2003
139009	ALU	03019239.7	EP1395079	GB	STORAGE MODULE LOCATED IN DSLAM	26.08.2003
131343	ALU	07425048.1	EP1953960	FR	Constraint-based XML Meta-Information	31.01.2007
131343	ALU	07425048.1	EP1953960	DE	Constraint-based XML Meta-Information	31.01.2007
131343	ALU	07425048.1	EP1953960	GB	Constraint-based XML Meta-Information	31.01.2007
803837	ALU	08290846.8	EP2161832	FR	POWER AMPLIFIER LINEARIZATION USING RF FEEDBACK	09.09.2008
803837	ALU	08290846.8	EP2161832	DE	POWER AMPLIFIER LINEARIZATION USING RF FEEDBACK	09.09.2008
803837	ALU	08290846.8	EP2161832	GB	POWER AMPLIFIER LINEARIZATION USING RF FEEDBACK	09.09.2008
800705	ALU	07825256.6	EP2174383	FR	Earthing kit with partly sealed locking tabs	02.07.2007
800705	ALU	07825256.6	EP2174383	DE	Earthing kit with partly sealed locking tabs	02.07.2007
800705	ALU	07825256.6	EP2174383	GB	Earthing kit with partly sealed locking tabs	02.07.2007
803457	ALU	08425464.8	EP2141884	FR	Introducing collaborative methods for telecommunication management network security	04.07.2008
803457	ALU	08425464.8	EP2141884	DE	Introducing collaborative methods for telecommunication management network security	04.07.2008
803457	ALU	08425464.8	EP2141884	GB	Introducing collaborative methods for telecommunication management network security	04.07.2008
803167	ALU	09159875.5	EP2134033	FR	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
803167	ALU	09159875.5	EP2134033	DE	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
803167	ALU	09159875.5	EP2134033	IT	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
803167	ALU	09159875.5	EP2134033	ES	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
803167	ALU	09159875.5	EP2134033	GB	Scalable And Highly-Available Session Handling In IMS Clustered Applications	11.05.2009
808852	ALU	13/012516	US8849044	US	Detecting Duplicated Videos With Insertion/Deletion/Substitution By Sequence Matching	24.01.2011
807565	ALU	11154562.0		EP	A framework based on multiple directed graphs to use and manage the objects to the Web	15.02.2011
805986	ALU	11151215.8		EP	Coherent receiver optimization through enhanced digital spectral analysis	18.01.2011
808988	ALU	11290069.1	EP2485467	EP	An Innovative Way Of Making Your Friends Listen To The Music Via Cellphones	31.01.2011
Hoekstra 7-6 (GJ)	ALU	07810379.3	EP2050288	FR	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	07810379.3	EP2050288	DE	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	07810379.3	EP2050288	GB	Method Of Distributing Identical Data To Mobile Units	11.07.2007
135984	ALU	03017906.3	EP1389890	FR	MODULAR SERVICE PROVISIONING WITHIN AN ACCESS NODE	06.08.2003
135984	ALU	03017906.3	EP1389890	DE	MODULAR SERVICE PROVISIONING WITHIN AN ACCESS NODE	06.08.2003
135984	ALU	03017906.3	EP1389890	GB	MODULAR SERVICE PROVISIONING WITHIN AN ACCESS NODE	06.08.2003
Sydorenko 8-8 (O)	ALU	07809401.8	EP2033241	FR	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Sydorenko 8-8 (O)	ALU	07809401.8	EP2033241	DE	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Sydorenko 8-8 (O)	ALU	07809401.8	EP2033241	GB	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Baden 2-1-1-1 (CCE)	ALU	98308353.6	EP0935353	FR	Asymmetric Multiple Access Protocol For A Communication System	13.10.1998
Baden 2-1-1-1 (CCE)	ALU	98308353.6	EP0935353	DE	Asymmetric Multiple Access Protocol For A Communication System	13.10.1998
Baden 2-1-1-1 (CCE)	ALU	98308353.6	EP0935353	GB	Asymmetric Multiple Access Protocol For A Communication System	13.10.1998
808954	ALU	13/163838		US	Server Side Adaptive Streaming	20.06.2011
803430	ALU	200880132152.X	ZL200880132152.X	CN	APOL suitable PMDC feedback	28.11.2008
803430	ALU	12/998662	US8494373	US	APOL suitable PMDC feedback	28.11.2008
807433	ALU	201180021400.5	ZL201180021400.5	CN	Phantom-mode reflectometry	28.04.2011
807433	ALU	2013-506670	JP5643895	JP	Phantom-mode reflectometry	28.04.2011

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807433	ALU	10-2012-7030876	KR101414072	KR	Phantom-mode reflectometry	28.04.2011
807433	ALU	13/639032	US9188621	US	Phantom-mode reflectometry	28.04.2011
806482	ALU	201180021724.9	ZL201180021724.9	CN	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	26.04.2011
806482	ALU	2013-506615	JP5596221	JP	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	26.04.2011
806482	ALU	20127031028	KR10-1533585	KR	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	26.04.2011
806482	ALU	13/639019	US8891736	US	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	26.04.2011
806481	ALU	201180021019.9	ZL201180021019.9	CN	Detection of Switching Power Supplies Impacting DSL Lines	26.04.2011
806481	ALU	2013-506619	JP5571242	JP	Detection of Switching Power Supplies Impacting DSL Lines	26.04.2011
806481	ALU	20127031021	KR10-1463728	KR	Detection of Switching Power Supplies Impacting DSL Lines	26.04.2011
806481	ALU	13/639007	US8644435	US	Detection of Switching Power Supplies Impacting DSL Lines	26.04.2011
801678	ALU	07291309.8	EP2056548	FR	FAST DSM3 BOOT BY GROUPING CROSSTALKERS	30.10.2007
801678	ALU	07291309.8	EP2056548	DE	FAST DSM3 BOOT BY GROUPING CROSSTALKERS	30.10.2007
801678	ALU	07291309.8	EP2056548	GB	FAST DSM3 BOOT BY GROUPING CROSSTALKERS	30.10.2007
808814	ALU	13/077420	US9054920	US	Managing Data File Transmission	31.03.2011
809164	ALU	13/018997	US8005331	US	Surface-Plasmon-Assisted Optical Frequency Conversion	01.02.2011
135645	ALU	01126598.0	EP1209886	FR	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	19.11.2001
135645	ALU	01126598.0	EP1209886	DE	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	19.11.2001
135645	ALU	01126598.0	EP1209886	GB	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	19.11.2001
Tao 2-14 (H)	ALU	08360027.0	EP2161956	FR	Femto Cell Base Station And Method	04.09.2008
Tao 2-14 (H)	ALU	08360027.0	EP2161956	DE	Femto Cell Base Station And Method	04.09.2008
Tao 2-14 (H)	ALU	08360027.0	EP2161956	GB	Femto Cell Base Station And Method	04.09.2008
809044	ALU	11290157.4		EP	Method To Handle The Associative Behavior Of Persons Communication In A Telecommunication Environment	30.03.2011
809015	ALU	13/021481	US8775490	US	Compressive Sensing With Low Compression Complexity	04.02.2011
137200	ALU	2011102707	JP5200138	JP	Hot redundancy in Link/Topology State Routing Protocols	02.05.2011
115153	ALU	06291250.6	EP1885111	FR	Virtual conference phone	01.08.2006
115153	ALU	06291250.6	EP1885111	DE	Virtual conference phone	01.08.2006
115153	ALU	06291250.6	EP1885111	GB	Virtual conference phone	01.08.2006
Doerr 105 (CR)	ALU	06836366.2	EP1938129	FR	Rectangular-Passband Multiplexer	18.10.2006
Doerr 105 (CR)	ALU	06836366.2	EP1938129	DE	Rectangular-Passband Multiplexer	18.10.2006
Doerr 105 (CR)	ALU	06836366.2	EP1938129	GB	Rectangular-Passband Multiplexer	18.10.2006
809173	ALU	13/041364	US8682120	US	Polarization-Independent Grating Optical Coupler	05.03.2011
804428	ALU	13/026532	US8483220	US	Handling Of Received Implicit Null Packets	14.02.2011
808799	ALU	13/220199	US8682255	US	Methods And Apparatuses For Evaluating Wireless Network Performance	29.08.2011
106301	ALU	07105929.9	EP1850429	FR	WIDELY TUNABLE DBR LASER WITH DOUBLE BRAGG GRATINGS	11.04.2007
106301	ALU	07105929.9	EP1850429	DE	WIDELY TUNABLE DBR LASER WITH DOUBLE BRAGG GRATINGS	11.04.2007
106301	ALU	07105929.9	EP1850429	GB	WIDELY TUNABLE DBR LASER WITH DOUBLE BRAGG GRATINGS	11.04.2007
806400	ALU	100108574	TWI485650	TW	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	14.03.2011
134122	ALU	13/026885	US8537830	US	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	14.02.2011
803581	ALU	09290134.7	EP2224590	FR	Power amplification for fragmented transceiver systems	25.02.2009
803581	ALU	09290134.7	EP2224590	DE	Power amplification for fragmented transceiver systems	25.02.2009
803581	ALU	09290134.7	EP2224590	GB	Power amplification for fragmented transceiver systems	25.02.2009
801472	ALU	13/085026	US8321717	US	Dynamic Frequency Adjustment For Interoperability Of Differential Clock Recovery Methods	12.04.2011
115140	ALU	07290994.8	EP2023483	FR	Frequency Switch Principle for Multiband Circulators	09.08.2007
115140	ALU	07290994.8	EP2023483	DE	Frequency Switch Principle for Multiband Circulators	09.08.2007
115140	ALU	07290994.8	EP2023483	GB	Frequency Switch Principle for Multiband Circulators	09.08.2007
114066	ALU	04006647.4	EP1475974	FR	AREA INFORMATION DISTRIBUTION SYSTEM	19.03.2004
114066	ALU	04006647.4	EP1475974	DE	AREA INFORMATION DISTRIBUTION SYSTEM	19.03.2004
114066	ALU	04006647.4	EP1475974	GB	AREA INFORMATION DISTRIBUTION SYSTEM	19.03.2004
806543	ALU	100106883	TWI489811	TW	Dynamic Narrow Optical TX Filtering For Ultra High Density Optical Network	02.03.2011
803786	ALU	4942/CHENP/2011		IN	ADAPTIVE PCN LEVELS	30.11.2009
803786	ALU	2011-541154	JP5519696	JP	ADAPTIVE PCN LEVELS	30.11.2009
803786	ALU	2011-7016531	KR10-1538200	KR	ADAPTIVE PCN LEVELS	30.11.2009
801926	ALU	08168170.2	EP2073438	FR	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	03.11.2008
801926	ALU	08168170.2	EP2073438	DE	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	03.11.2008
801926	ALU	08168170.2	EP2073438	GB	DYNAMIC TRACKING OF A MOBILE GROUP COHESION	03.11.2008
803089	ALU	09290014.1	EP2207316	FR	Coherent optical intradyne OFDM system	08.01.2009
803089	ALU	09290014.1	EP2207316	DE	Coherent optical intradyne OFDM system	08.01.2009
803089	ALU	09290014.1	EP2207316	GB	Coherent optical intradyne OFDM system	08.01.2009

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	FR	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	DE	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	IT	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	PL	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	ES	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	GB	Determining A Channel Matrix By Measuring Interference	01.04.2008
139009	ALU	03019239.7	EP1395079	IT	STORAGE MODULE LOCATED IN DSLAM	26.08.2003
139009	ALU	03019239.7	EP1395079	ES	STORAGE MODULE LOCATED IN DSLAM	26.08.2003
803335	ALU	09806131.0		EP	IMS call control from Enterprise	10.09.2009
803492	ALU	2011546565	JP5694954	JP	Individual firewall system for protecting IMS terminals in public network	22.01.2009
803492	ALU	20117016252	KR101520142	KR	Individual firewall system for protecting IMS terminals in public network	22.01.2009
809322	ALU	13/043145	US8760752	US	A Tubable Optical Frequency Comb Generator	08.03.2011
803035	ALU	2011530420	JP5535221	JP	7TH ORDER UNIVERSAL ISDN/POTS SPLITTER	08.10.2009
803751	ALU	200980149281.4	ZL200980149281.4	CN	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
803751	ALU	3799/CHENP/2011		IN	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
803751	ALU	20117013016	KR101301933	KR	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
803751	ALU	12/998738	US8964722	US	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
Cai 132-16 (Y)	ALU	13/060657		US	Online Charging Correlation In IMS Networks	03.09.2008
Batni 7-12-14-5-4 (RP)	ALU	05257737.6	EP1677501	FR	Method And Apparatus For Providing Multimedia Ringback Services To Mobile User Devices In Pre-IMS Networks	15.12.2005
Batni 7-12-14-5-4 (RP)	ALU	05257737.6	EP1677501	DE	Method And Apparatus For Providing Multimedia Ringback Services To Mobile User Devices In Pre-IMS Networks	15.12.2005
Batni 7-12-14-5-4 (RP)	ALU	05257737.6	EP1677501	GB	Method And Apparatus For Providing Multimedia Ringback Services To Mobile User Devices In Pre-IMS Networks	15.12.2005
809088	ALU	13/066401	US8787159	US	Mechanism For Wireless Access Networks To Throttle Traffic During Congestion	14.04.2011
800797	ALU	200980143335.6	ZL200980143335.6	CN	Method And System For Classifying Data Packets	20.10.2009
800797	ALU	09748863.9		EP	Method And System For Classifying Data Packets	20.10.2009
800797	ALU	20117009984	KR101244604	KR	Method And System For Classifying Data Packets	20.10.2009
809174	ALU	13/077086	US9146349	US	Monolithic Integration Of Dielectric Waveguides And Germanium Photodetectors-Based Devices	31.03.2011
809209	ALU	13/188705	US8949329	US	Content Popularity Extraction In Distributed Hash Table Peer-To-Peer Networks	22.07.2011
809397	ALU	13/051055	US9043883	US	Secure Authentication Advertisement Protocol	18.03.2011
806820	ALU	100110109	TWI482954	TW	Non-coherent OTDR using Golay sequences in Multi-channel environment	24.03.2011
Malhotra 10 (R)	ALU	07254729.2	EP2068511	FR	Controlling Congestion In A Packet Switched Data Network	06.12.2007
Malhotra 10 (R)	ALU	07254729.2	EP2068511	DE	Controlling Congestion In A Packet Switched Data Network	06.12.2007
Malhotra 10 (R)	ALU	07254729.2	EP2068511	GB	Controlling Congestion In A Packet Switched Data Network	06.12.2007
807027	ALU	100110113	TWI499242	TW	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	24.03.2011
809415	ALU	13/064288	US8626943	US	Content Rate Selection For Media Servers With Proxy-Feedback-Controlled Frame Transmission	16.03.2011
808889	ALU	11290409.9		EP	Method And Aparatus To Build Highly Scalable Dynamically Elastic Systems	13.09.2011
809005	ALU	13/206243	US8635500	US	System And Method For Powering Redundant Components	09.08.2011
809004	ALU	13/206151	US8842775	US	System And Method For Power Reduction In Redundant Components	09.08.2011
102686	ALU	00403622.4	EP1111742	FR	C-band and L-band EDFA.	21.12.2000
102686	ALU	00403622.4	EP1111742	DE	C-band and L-band EDFA.	21.12.2000
102686	ALU	00403622.4	EP1111742	GB	C-band and L-band EDFA.	21.12.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
809355	ALU	13/088142	US8717875	US	Condensed Core-Energy-Efficient Architecture For Wan IP Backbones	15.04.2011
806412	ALU	100117088	TWI465129	TW	Methods Of Determining Coverage Areas	16.05.2011
809018	ALU	13/208465	US9113486	US	Method And Apparatus For Controlling Wireless Uplink Sessions	12.08.2011
809019	ALU	13/208478	US9119111	US	Method And Apparatus For Controlling Wireless Uplink Sessions	12.08.2011
808947	ALU	13/073109	US8798636	US	A Carrier Selection Method For Low Complexity Multicarrier Scheduling	28.03.2011
809481	ALU	13/096479	US8693489	US	Hierarchical Profiled Scheduling And Shaping	28.04.2011
801470	ALU	09703949.9	EP2260628	DE	MAC ADDRESS FLOODING DEFENCE	08.01.2009
801470	ALU	09703949.9	EP2260628	GB	MAC ADDRESS FLOODING DEFENCE	08.01.2009
809211	ALU	12305161.7		EP	Mediated Asynchronous Video Communication System	14.02.2012
808749	ALU	13/278773	US9113038	US	Distributed Video Mixing	21.10.2011
804311	ALU	200980143861.2	ZL200980143861.2	CN	System architecture for overlay on cellular systems for high mobility and beamforming	23.07.2009
804311	ALU	2271/CHENP/2011		IN	System architecture for overlay on cellular systems for high mobility and beamforming	23.07.2009
804311	ALU	10-2011-7007830	KR10-1263223	KR	System architecture for overlay on cellular systems for high mobility and beamforming	23.07.2009
804311	ALU	13/123464	US9350442	US	System architecture for overlay on cellular systems for high mobility and beamforming	23.07.2009
808636	ALU	13/228073	US8649744	US	Radio-Frequency Transmitter, Such As For Broadcasting And Cellular Base Stations	08.09.2011
809436	ALU	11290338.0		EP	Off-line efficient synchronization for optical burst ring network	26.07.2011
105512	ALU	04292759.0	EP1536575	FR	COMMUNICATION MANAGEMENT METHOD AND MODEM IN SLOTTED ALONA ACCESS	23.11.2004
105512	ALU	04292759.0	EP1536575	DE	COMMUNICATION MANAGEMENT METHOD AND MODEM IN SLOTTED ALONA ACCESS	23.11.2004
105512	ALU	04292759.0	EP1536575	GB	COMMUNICATION MANAGEMENT METHOD AND MODEM IN SLOTTED ALONA ACCESS	23.11.2004
139384	ALU	06011360.2	EP1750413	FR	CELLPHONE BASED ANTI-SPAM SCHEME	01.06.2006
139384	ALU	06011360.2	EP1750413	DE	CELLPHONE BASED ANTI-SPAM SCHEME	01.06.2006
139384	ALU	06011360.2	EP1750413	GB	CELLPHONE BASED ANTI-SPAM SCHEME	01.06.2006
139418	ALU	06003549.0	EP1713247	FR	TERMINATION CIRCUITRY TO MIGRATE FROM POTS TO VOIP WITHOUT TRUCK ROLL OUT	22.02.2006
139418	ALU	06003549.0	EP1713247	DE	TERMINATION CIRCUITRY TO MIGRATE FROM POTS TO VOIP WITHOUT TRUCK ROLL OUT	22.02.2006
139418	ALU	06003549.0	EP1713247	GB	TERMINATION CIRCUITRY TO MIGRATE FROM POTS TO VOIP WITHOUT TRUCK ROLL OUT	22.02.2006
114446	ALU	04360049.3	EP1594280	FR	Data Authentication Method and Agent Based System	07.05.2004
114446	ALU	04360049.3	EP1594280	DE	Data Authentication Method and Agent Based System	07.05.2004
114446	ALU	04360049.3	EP1594280	GB	Data Authentication Method and Agent Based System	07.05.2004
Cai 108 (Y)	ALU	08713127.2	EP2127352	FR	Systems And Methods For Mobile Virtual Network Operator Mobile To Mobile Service	14.01.2008
Cai 108 (Y)	ALU	08713127.2	EP2127352	DE	Systems And Methods For Mobile Virtual Network Operator Mobile To Mobile Service	14.01.2008
Cai 108 (Y)	ALU	08713127.2	EP2127352	GB	Systems And Methods For Mobile Virtual Network Operator Mobile To Mobile Service	14.01.2008
809228	ALU	13/106312	US8718187	US	Methods And Apparatuses For In-Phase And Quadrature-Phase Imbalance Compensation	12.05.2011
809664	ALU	11305592.5		EP	System To Aid User Representation In Front Of Camera	17.05.2011
809624	ALU	11305593.3	EP2525587	EP	HAS Session Reconstruction (HAS-SR)	17.05.2011
807141	ALU	100123521	TWI458312	TW	PTP-Network InterWorking Function (PN-IWF)	04.07.2011
Taylor-Smith 15 (RE)	ALU	05254412.9	EP1617500	FR	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	14.07.2005
Taylor-Smith 15 (RE)	ALU	05254412.9	EP1617500	DE	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	14.07.2005
Taylor-Smith 15 (RE)	ALU	05254412.9	EP1617500	GB	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	14.07.2005
804459	ALU	09164243.9	EP2278705	FR	Distributed Matching for ET optimized Multistandard/Multiband RF Amplifier	30.06.2009
804459	ALU	09164243.9	EP2278705	DE	Distributed Matching for ET optimized Multistandard/Multiband RF Amplifier	30.06.2009
804459	ALU	09164243.9	EP2278705	GB	Distributed Matching for ET optimized Multistandard/Multiband RF Amplifier	30.06.2009
808351	ALU	13/173612	US8881295	US	Garbled Circuit Generation In A Leakage-Resilient Manner	30.06.2011
114062	ALU	200810184150.7	ZL200810184150.7	CN	Temporary SNCP for Restoration	10.12.2008
106277	ALU	07301446.6	EP2048827	FR	HOW TO AVOID BER DEGARDATION IN CIRCUIT EMULATION SEVICES OVER PACKETS	10.10.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
106277	ALU	07301446.6	EP2048827	DE	HOW TO AVOID BER DEGARDATION IN CIRCUIT EMULATION SEVICES OVER PACKETS	10.10.2007
106277	ALU	07301446.6	EP2048827	GB	HOW TO AVOID BER DEGARDATION IN CIRCUIT EMULATION SEVICES OVER PACKETS	10.10.2007
806857	ALU	11165312.7		EP	Well-being and health indicators via TV usage monitoring	09.05.2011
806832	ALU	100120703	TWI483455	TW	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	14.06.2011
Riverstone 28 ()	ALU	02795840.4	EP1454152	FR	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	11.12.2002
Riverstone 28 ()	ALU	02795840.4	EP1454152	DE	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	11.12.2002
Riverstone 28 ()	ALU	02795840.4	EP1454152	GB	Method And System For Providing Failure Protection In A Ring Network That Utilizes Label Switching	11.12.2002
121217	ALU	2009522283	JP4803562	JP	ANYCAST ADDRESS RESOLUTION BASED ON AA INFORMATION	03.08.2007
809716	ALU	13/159018	US8773532	US	Video Surveillance System Integrating Real And Logical Video Streams	13.06.2011
809799	ALU	13/217781	US8606908	US	Wake-Up Server	25.08.2011
139406	ALU	06018288.8	EP1783995	FR	CONFERENCE PRESENCE BASED MUSIC ON HOLD SUPPRESSION	01.09.2006
139406	ALU	06018288.8	EP1783995	DE	CONFERENCE PRESENCE BASED MUSIC ON HOLD SUPPRESSION	01.09.2006
139406	ALU	06018288.8	EP1783995	GB	CONFERENCE PRESENCE BASED MUSIC ON HOLD SUPPRESSION	01.09.2006
Kramer 19-22 (GG)	ALU	2011550193	JP5265026	JP	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
809868	ALU	13/151786	US8768110	US	Optical Isolator Using Phase Modulators	02.06.2011
801920	ALU	07290995.5	EP2023533	FR	HYBRID APPLICATION IDENTIFICATION USING STATISTICALLY GENERATED RULES FOR ENCRYPTED TRAFFIC	10.08.2007
801920	ALU	07290995.5	EP2023533	DE	HYBRID APPLICATION IDENTIFICATION USING STATISTICALLY GENERATED RULES FOR ENCRYPTED TRAFFIC	10.08.2007
801920	ALU	07290995.5	EP2023533	GB	HYBRID APPLICATION IDENTIFICATION USING STATISTICALLY GENERATED RULES FOR ENCRYPTED TRAFFIC	10.08.2007
114620	ALU	05292484.2	EP1788731	FR	High power double stage submarine EDFA	21.11.2005
114620	ALU	05292484.2	EP1788731	DE	High power double stage submarine EDFA	21.11.2005
114620	ALU	05292484.2	EP1788731	GB	High power double stage submarine EDFA	21.11.2005
Dayal 3-45 (S)	ALU	2011115456	JP5829432	JP	Magnetic Mouse And/Or Mouse-Pad	11.01.2001
809575	ALU	12305504.8		EP	Slewrate Limiter	07.05.2012
804823	ALU	201080022882.1	ZL201080022882.1	CN	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	2012513131	JP5746688	JP	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	20117027995	KR101276993	KR	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
809830	ALU	11382213.4		EP	Added Value Video Services through Edge Tailoring of HAS Protocols	22.06.2011
105348	ALU	03293356.6	EP1548951	FR	ELECTRONIC CIRCUIT WHICH ALLOWS TO EQUALIZE THE IMPEDANCE OF AN INTERFACE ACCESS AND THE WIRE LINE CONNECTED	26.12.2003
105348	ALU	03293356.6	EP1548951	DE	ELECTRONIC CIRCUIT WHICH ALLOWS TO EQUALIZE THE IMPEDANCE OF AN INTERFACE ACCESS AND THE WIRE LINE CONNECTED	26.12.2003
105348	ALU	03293356.6	EP1548951	GB	ELECTRONIC CIRCUIT WHICH ALLOWS TO EQUALIZE THE IMPEDANCE OF AN INTERFACE ACCESS AND THE WIRE LINE CONNECTED	26.12.2003
139405	ALU	06017314.3	EP1768370	FR	CONFERENCE ACTIVITY PRESENCE	19.08.2006
139405	ALU	06017314.3	EP1768370	DE	CONFERENCE ACTIVITY PRESENCE	19.08.2006
139405	ALU	06017314.3	EP1768370	GB	CONFERENCE ACTIVITY PRESENCE	19.08.2006
802511	ALU	08305363.7	EP2141866	FR	Node performance cost parameter for GMPLS	30.06.2008
802511	ALU	08305363.7	EP2141866	DE	Node performance cost parameter for GMPLS	30.06.2008
802511	ALU	08305363.7	EP2141866	GB	Node performance cost parameter for GMPLS	30.06.2008
804683	ALU	20117031582	KR101318001	KR	Linking Inner and Outer MPLS Labels	22.06.2010
809363	ALU	13/282009	US8990586	US	Method For Selectively Exposing Subscriber Data	26.10.2011
804327	ALU	201080010779.5	ZL201080010779.5	CN	Dual time Signaling for the distribution of Time in PSNs (DST)	11.03.2010
804327	ALU	2011553457	JP5426695	JP	Dual time Signaling for the distribution of Time in PSNs (DST)	11.03.2010
804327	ALU	20117021101	KR101304745	KR	Dual time Signaling for the distribution of Time in PSNs (DST)	11.03.2010
809277	ALU	11306243.4		EP	Service Registration, Discovery And Access Control Using WiFi Hotspots	29.09.2011
Grosse 13-39 (EH)	ALU	06789176.2	EP1911241	FR	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks By Target Victim Self-Identification And Control	02.08.2006
Grosse 13-39 (EH)	ALU	06789176.2	EP1911241	DE	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks By Target Victim Self-Identification And Control	02.08.2006

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Grosse 13-39 (EH)	ALU	06789176.2	EP1911241	GB	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks By Target Victim Self-Identification And Control	02.08.2006
121347	ALU	06291988.1	EP1936983	FR	NETWORK PRESENCE AWARE IPTV SERVICES	19.12.2006
121347	ALU	06291988.1	EP1936983	DE	NETWORK PRESENCE AWARE IPTV SERVICES	19.12.2006
121347	ALU	06291988.1	EP1936983	GB	NETWORK PRESENCE AWARE IPTV SERVICES	19.12.2006
807602	ALU	100122435	TWI447654	TW	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	27.06.2011
804662	ALU	201080006687.X	ZL201080006687.X	CN	Radio frequency power amplifier with PAPR regulated power supply	10.02.2010
804662	ALU	6257/CHENP/2011		IN	Radio frequency power amplifier with PAPR regulated power supply	10.02.2010
804662	ALU	10-2011-7020266	KR101374068	KR	Radio frequency power amplifier with PAPR regulated power supply	10.02.2010
804662	ALU	13/254358	US8536940	US	Radio frequency power amplifier with PAPR regulated power supply	10.02.2010
802440	ALU	201080004854.7	ZL201080004854.7	CN	System, Method And Computer Readable Medium For Application Placement	07.01.2010
802440	ALU	10700768.4		EP	System, Method And Computer Readable Medium For Application Placement	07.01.2010
802440	ALU	2011546280	JP5487219	JP	System, Method And Computer Readable Medium For Application Placement	07.01.2010
802440	ALU	20117016790	KR101426124	KR	System, Method And Computer Readable Medium For Application Placement	07.01.2010
809893	ALU	13/240783	US8990322	US	Archive Control For Text Messages	22.09.2011
809227	ALU	13/189872	US8885484	US	Bootstrapping Fault Detection Sessions Over A P2MP Tunnel	25.07.2011
809141	ALU	13/232060	US8693944	US	Method And Apparatus Of Performing Video Programming Security Control	14.09.2011
809841	ALU	12305036.1		EP	Non-disruptive, DELT-based Localization And Identification Of Impairments	10.01.2012
809842	ALU	11290485.9		EP	Non-intrusive System To Detect, Characterize And Localize Mismatched Segment	19.10.2011
809335	ALU	12152920.0		EP	Method and system for video RoIs personalization	27.01.2012
809805	ALU	12305016.3		EP	Automated Pan-Tilt-Zoom Optimization	06.01.2012
809235	ALU	11290445.3		EP	Reference IPTV Transport Stream LipSync Transmitter & Receiver	29.09.2011
809667	ALU	11306487.7		EP	System and Method for Interactive Online Video Preview	15.11.2011
Kisel 17-18 (A)	ALU	200980156191.8	ZL200980156191.8	CN	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
Kisel 17-18 (A)	ALU	4687/CHENP/2011		IN	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
Kisel 17-18 (A)	ALU	2011544001	JP5302415	JP	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
809330	ALU	13/686659	US9148765	US	Non-TCP Push Server In Cellular Network	27.11.2012
804528	ALU	2011547000	JP5265785	JP	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
804528	ALU	20117017852	KR101266671	KR	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
802257	ALU	09150680.8	EP2081258	FR	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	15.01.2009
802257	ALU	09150680.8	EP2081258	DE	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	15.01.2009
802257	ALU	09150680.8	EP2081258	GB	A new sub-reflector dielectric support shape for low profile dual reflectors antenna application	15.01.2009
Bhatia 13-15-27 (RS)	ALU	08726745.6	EP2143235	FR	Method and Appartus For Providing Interactive Services To Users Using Unicast And Broadcast Wireless Networks	13.03.2008
Bhatia 13-15-27 (RS)	ALU	08726745.6	EP2143235	DE	Method and Appartus For Providing Interactive Services To Users Using Unicast And Broadcast Wireless Networks	13.03.2008
Bhatia 13-15-27 (RS)	ALU	08726745.6	EP2143235	GB	Method and Appartus For Providing Interactive Services To Users Using Unicast And Broadcast Wireless Networks	13.03.2008
Gao 2 (M)	ALU	07810891.7	EP2050298	FR	Access Network Broadcast Control-Signaling Channel	27.07.2007
Gao 2 (M)	ALU	07810891.7	EP2050298	DE	Access Network Broadcast Control-Signaling Channel	27.07.2007
Gao 2 (M)	ALU	07810891.7	EP2050298	GB	Access Network Broadcast Control-Signaling Channel	27.07.2007
139048	ALU	03027761.0	EP1432277	FR	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	03.12.2003
139048	ALU	03027761.0	EP1432277	DE	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	03.12.2003
139048	ALU	03027761.0	EP1432277	GB	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	03.12.2003
804092	ALU	201080007234.9	ZL201080007234.9	CN	Availability indicator via video	01.02.2010
804092	ALU	10708256.2	EP2396949	EP	Availability indicator via video	01.02.2010
804092	ALU	2011549637	JP5363594	JP	Availability indicator via video	01.02.2010
804092	ALU	13/148442	US8909791	US	Availability indicator via video	01.02.2010
809901	ALU	13/217809	US9667445	US	Method And Apparatus For Signaling Plane Delay KPI Monitoring In Live Network Without Any Performance Degradation	25.08.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
809985	ALU	13/191599	US9317336	US	Method And Apparatus For Assignment Of Virtual Resources Within A Cloud Environment	27.07.2011
804206	ALU	201080005873.1	ZL201080005873.1	CN	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	27.01.2010
804206	ALU	13/144019	US8829916	US	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	27.01.2010
803536	ALU	08021349.9	EP2200225	FR	Efficient protocol forwarding by header exchange based on commercial devices	09.12.2008
803536	ALU	08021349.9	EP2200225	DE	Efficient protocol forwarding by header exchange based on commercial devices	09.12.2008
810094	ALU	11360030.8		EP	Neighbor-Cooperative Carrier Sense Multiple Access With Collision Avoidance	27.07.2011
810096	ALU	13/189024	US8527310	US	Method And Apparatus For Customer Experience Management	22.07.2011
139358	ALU	05737442.3	EP1738596	FR	MEDIA GATEWAY SELECTION IN A SOFTSWITCH ENVIRONMENT BASED ON TARGET BASE STATION	21.04.2005
139358	ALU	05737442.3	EP1738596	DE	MEDIA GATEWAY SELECTION IN A SOFTSWITCH ENVIRONMENT BASED ON TARGET BASE STATION	21.04.2005
139358	ALU	05737442.3	EP1738596	GB	MEDIA GATEWAY SELECTION IN A SOFTSWITCH ENVIRONMENT BASED ON TARGET BASE STATION	21.04.2005
135544	ALU	00119350.7	EP1083706	FR	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	08.09.2000
135544	ALU	00119350.7	EP1083706	DE	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	08.09.2000
135544	ALU	00119350.7	EP1083706	GB	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	08.09.2000
131310	ALU	05292695.3	EP1798882	FR	NEW METHOD TO PASS A SYNCHRONISM BETWEEN TWO DIFFERENT CLOCK DOMAINS	14.12.2005
131310	ALU	05292695.3	EP1798882	DE	NEW METHOD TO PASS A SYNCHRONISM BETWEEN TWO DIFFERENT CLOCK DOMAINS	14.12.2005
131310	ALU	05292695.3	EP1798882	GB	NEW METHOD TO PASS A SYNCHRONISM BETWEEN TWO DIFFERENT CLOCK DOMAINS	14.12.2005
111727	ALU	01107818.5	EP1152267	FR	Printed Optical Circuit Boards	06.04.2001
111727	ALU	01107818.5	EP1152267	DE	Printed Optical Circuit Boards	06.04.2001
111727	ALU	01107818.5	EP1152267	GB	Printed Optical Circuit Boards	06.04.2001
804305	ALU	201080019972.5	ZL2010800199725	CN	Learning packets to get faster coherent optical packet detectors	03.03.2010
804305	ALU	2012508957	JP5367907	JP	Learning packets to get faster coherent optical packet detectors	03.03.2010
804305	ALU	20117026197	KR1380141	KR	Learning packets to get faster coherent optical packet detectors	03.03.2010
804305	ALU	13/265985	US9178612	US	Learning packets to get faster coherent optical packet detectors	03.03.2010
804183	ALU	201080019935.4	ZL2010800199354	CN	Stitching of Labels for Inter-Carrier service Enforcement (SLICE)	15.03.2010
804183	ALU	20117026208	KR1333020	KR	Stitching of Labels for Inter-Carrier service Enforcement (SLICE)	15.03.2010
804183	ALU	13/265963	US8750287	US	Stitching of Labels for Inter-Carrier service Enforcement (SLICE)	15.03.2010
Chung 1-18 (S)	ALU	01302760.2	EP1161020	FR	Method Of Producing ChannelError Flags For Error Mitigation And ConcealmentIn Source Decoders	26.03.2001
Chung 1-18 (S)	ALU	01302760.2	EP1161020	DE	Method Of Producing ChannelError Flags For Error Mitigation And ConcealmentIn Source Decoders	26.03.2001
Chung 1-18 (S)	ALU	01302760.2	EP1161020	GB	Method Of Producing ChannelError Flags For Error Mitigation And ConcealmentIn Source Decoders	26.03.2001
809916	ALU	11290434.7		EP	A Mean And Method For Recharging Electrical Vehicles On Motorails	26.09.2011
804002	ALU	10713711.9	EP2396957	EP	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	10.02.2010
804002	ALU	2011549699	JP5639083	JP	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	10.02.2010
804002	ALU	20117018817	KR101337054	KR	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	10.02.2010
Cai 130-45 (Y)	ALU	13/185714	US8301114	US	Offline Charging For Sessions Over A 3GPP Network And A WLAN Access Network	19.07.2011
810184	ALU	13/270600	US8361825	US	Mechanical Switch With A Curved Bilayer	11.10.2011
114997	ALU	06290148.3	EP1811596	FR	Transmission line made of plastic foil laminated with a metal layer	20.01.2006
114997	ALU	06290148.3	EP1811596	DE	Transmission line made of plastic foil laminated with a metal layer	20.01.2006
114997	ALU	06290148.3	EP1811596	GB	Transmission line made of plastic foil laminated with a metal layer	20.01.2006
802247	ALU	201080015409.0	ZL201080015409.0	CN	Mobility Management in a Mobile Ethernet Network	18.03.2010
802247	ALU	2012502562	JP5202760	JP	Mobility Management in a Mobile Ethernet Network	18.03.2010
802247	ALU	20117023172	KR101307114	KR	Mobility Management in a Mobile Ethernet Network	18.03.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
802247	ALU	13/202215	US8594046	US	Mobility Management in a Mobile Ethernet Network	18.03.2010
804110	ALU	20117026298	KR1311572	KR	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	22.04.2010
802249	ALU	08290986.2	EP2178219	FR	Switching-less broadband matching for efficiency optimised power amplifiers	20.10.2008
802249	ALU	08290986.2	EP2178219	DE	Switching-less broadband matching for efficiency optimised power amplifiers	20.10.2008
802249	ALU	08290986.2	EP2178219	GB	Switching-less broadband matching for efficiency optimised power amplifiers	20.10.2008
804632	ALU	201080011440.7	ZL201080011440.7	CN	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804632	ALU	2011553433	JP5362044	JP	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804632	ALU	10-2011-7023610	KR10-1232105	KR	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804632	ALU	13/254891	US8849116	US	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804014	ALU	09001272.5	EP2214305	FR	Digitally Controlled SMALA	30.01.2009
804014	ALU	09001272.5	EP2214305	DE	Digitally Controlled SMALA	30.01.2009
804014	ALU	09001272.5	EP2214305	GB	Digitally Controlled SMALA	30.01.2009
803897	ALU	09001271.7	EP2214304	FR	Precise control for high efficient variable power supplies	30.01.2009
803897	ALU	09001271.7	EP2214304	DE	Precise control for high efficient variable power supplies	30.01.2009
803897	ALU	09001271.7	EP2214304	GB	Precise control for high efficient variable power supplies	30.01.2009
804810	ALU	09171862.7	EP2306638	FR	Principle and Architecture for Delay Compensation of Envelope Tracked Amplifiers	30.09.2009
804810	ALU	09171862.7	EP2306638	DE	Principle and Architecture for Delay Compensation of Envelope Tracked Amplifiers	30.09.2009
804810	ALU	09171862.7	EP2306638	GB	Principle and Architecture for Delay Compensation of Envelope Tracked Amplifiers	30.09.2009
115050	ALU	06300937.7	EP1898663	FR	XD Mini-splitter plug	08.09.2006
115050	ALU	06300937.7	EP1898663	DE	XD Mini-splitter plug	08.09.2006
115050	ALU	06300937.7	EP1898663	GB	XD Mini-splitter plug	08.09.2006
806596	ALU	13/205363	US8385911	US	Method to convert radio channel information captured in WCDMA/LTE live network into macroscopic parameters.	08.08.2011
800392	ALU	07291586.1	EP2073441	FR	DSL CONFIGURATION PROFILE AMENDMENTS	21.12.2007
800392	ALU	07291586.1	EP2073441	DE	DSL CONFIGURATION PROFILE AMENDMENTS	21.12.2007
800392	ALU	07291586.1	EP2073441	GB	DSL CONFIGURATION PROFILE AMENDMENTS	21.12.2007
809850	ALU	1157582	FR2979509	FR	Passive cache-based tracking	29.08.2011
809820	ALU	13290199.2		EP	Thermally Improved Active Antenna Array Architecture	22.08.2013
121099	ALU	05291798.6	EP1760904	FR	VIRTUAL BINDER IDENTIFICATION BY MEANS OF CODING INFORMATION.	29.08.2005
121099	ALU	05291798.6	EP1760904	DE	VIRTUAL BINDER IDENTIFICATION BY MEANS OF CODING INFORMATION.	29.08.2005
121099	ALU	05291798.6	EP1760904	GB	VIRTUAL BINDER IDENTIFICATION BY MEANS OF CODING INFORMATION.	29.08.2005
810296	ALU	13/230962	US8270779	US	Multithickness Layered Electronic-Photonic Devices	13.09.2011
804426	ALU	201080011376.2	ZL201080011376.2	CN	Intrusion Detection For Virtual Layer-2 Services	11.03.2010
804426	ALU	2011553555	JP5460746	JP	Intrusion Detection For Virtual Layer-2 Services	11.03.2010
804426	ALU	20117021205	KR101266592	KR	Intrusion Detection For Virtual Layer-2 Services	11.03.2010
810317	ALU	13/228063	US8798561	US	Radio-Frequency Circuit Having A Transcoupling Element	08.09.2011
804595	ALU	09290426.7	EP2262171	FR	Hitless Routing Change	10.06.2009
804595	ALU	09290426.7	EP2262171	DE	Hitless Routing Change	10.06.2009
804595	ALU	09290426.7	EP2262171	GB	Hitless Routing Change	10.06.2009
810367	ALU	13/251573	US8594621	US	Usage Sharing Across Fixed Line And Mobile Subscribers	03.10.2011
810147	ALU	13/231587	US8806420	US	In-Grid On-Device Decoupling For BGA	13.09.2011
810148	ALU	13/231609	US8863071	US	De-Pop On-Device Decoupling For BGA	13.09.2011
809886	ALU	12305118.7		EP	Organization based spatial distribution in conference	31.01.2012
810256	ALU	13/731791		US	Method And Apparatus For Video Session Management	31.12.2012
800794	ALU	07291580.4	EP2073567	FR	DSLAM POWER MANAGER	20.12.2007
800794	ALU	07291580.4	EP2073567	DE	DSLAM POWER MANAGER	20.12.2007
800794	ALU	07291580.4	EP2073567	GB	DSLAM POWER MANAGER	20.12.2007
804049	ALU	201080013709.5	CN201080013709.5	CN	Class-O EER Transmitter	16.03.2010
804049	ALU	6841/CHENP/2011		IN	Class-O EER Transmitter	16.03.2010
804049	ALU	2012501243	JP5210459	JP	Class-O EER Transmitter	16.03.2010
804049	ALU	10-2011-7024996	KR10-1235671	KR	Class-O EER Transmitter	16.03.2010
804049	ALU	13/258650	US8611754	US	Class-O EER Transmitter	16.03.2010
804993	ALU	09306284.2	EP2337372	FR	Scalable Agnostic Optical Switch Fabric	18.12.2009
804993	ALU	09306284.2	EP2337372	DE	Scalable Agnostic Optical Switch Fabric	18.12.2009
804993	ALU	09306284.2	EP2337372	GB	Scalable Agnostic Optical Switch Fabric	18.12.2009
810348	ALU	13/304289		US	System And Method For Aligning Cameras	23.11.2011
805006	ALU	09290482.0	EP2271021	FR	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	24.06.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805006	ALU	09290482.0	EP2271021	DE	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	24.06.2009
805006	ALU	09290482.0	EP2271021	GB	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	24.06.2009
Bu 11-35-26-1-3-7 (T)	ALU	08835161.4	EP2206375	FR	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Bu 11-35-26-1-3-7 (T)	ALU	08835161.4	EP2206375	DE	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Bu 11-35-26-1-3-7 (T)	ALU	08835161.4	EP2206375	GB	Method And System For Correlating IP Layer Traffic And Wireless Layer Elements In A UMTS/GSM Network	16.09.2008
Hacena 4 (F)	ALU	09705765.7	EP2250744	FR	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	22.01.2009
Hacena 4 (F)	ALU	09705765.7	EP2250744	DE	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	22.01.2009
Hacena 4 (F)	ALU	09705765.7	EP2250744	GB	Synchronization Of Call Traffic In The Forward Direction Over Backhaul Links	22.01.2009
804201	ALU	201080026777.5	ZL201080026777.5	CN	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	10.06.2010
139487	ALU	06024581.8	EP1791294	FR	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	28.11.2006
139487	ALU	06024581.8	EP1791294	DE	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	28.11.2006
139487	ALU	06024581.8	EP1791294	GB	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	28.11.2006
804964(1)	ALU	09305595.2	EP2276187	FR	Method to exchange user-network information to dynamically adjust connection	24.06.2009
804964(1)	ALU	09305595.2	EP2276187	DE	Method to exchange user-network information to dynamically adjust connection	24.06.2009
804964(1)	ALU	09305595.2	EP2276187	GB	Method to exchange user-network information to dynamically adjust connection	24.06.2009
809975	ALU	11306257.4		EP	A Method to manage call handover on a dual-mode smarphone between WiFi and cellular network	30.09.2011
809733	ALU	13/267959	US9341676	US	Packet-Based Propagation Of Testing Information	07.10.2011
804342	ALU	201080016947.1	ZL2010800169471	CN	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	01.04.2010
804342	ALU	2012505123	JP5645920	JP	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	01.04.2010
804342	ALU	10-2011-7027094	KR10-1354467	KR	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	01.04.2010
804342	ALU	13262137	US9172630	US	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	01.04.2010
804595	ALU	201080025107.1	ZL201080025107.1	CN	Hitless Routing Change	19.05.2010
804595	ALU	2012514409	JP5699138	JP	Hitless Routing Change	19.05.2010
804595	ALU	20117029563	KR101307699	KR	Hitless Routing Change	19.05.2010
804595	ALU	13/321035	US8615011	US	Hitless Routing Change	19.05.2010
802911	ALU	09305005.2	EP2204920	FR	FAST CONVERGENCE FOR CROSSTALK CHANNEL ESTIMATION BY INTELLIGENT CHOICE OF PROBING SIGNALS	05.01.2009
802911	ALU	09305005.2	EP2204920	DE	FAST CONVERGENCE FOR CROSSTALK CHANNEL ESTIMATION BY INTELLIGENT CHOICE OF PROBING SIGNALS	05.01.2009
802911	ALU	09305005.2	EP2204920	GB	FAST CONVERGENCE FOR CROSSTALK CHANNEL ESTIMATION BY INTELLIGENT CHOICE OF PROBING SIGNALS	05.01.2009
809760	ALU	12305459.5		EP	A Method For Improving The Efficiency Of Microwave Power Amplifiers With Envelope-Modulated Supply Voltage.	20.04.2012
810236	ALU	12305871.1		EP	Real Time RF Pallet System Efficiency Optimizer	18.07.2012
Hua 1-61-3 (N)	ALU	20117024150	KR101334583	KR	Variable-Stride Stream Segmentation and Multi-Pattern Matching	13.04.2010
Hua 1-61-3 (N)	ALU	7425/CHENP/2011		IN	Variable-Stride Stream Segmentation and Multi-Pattern Matching	13.04.2010
810606	ALU	13/273415	US9300548	US	Providing Dynamic Reliability And Security In Communications Environments	14.10.2011
810608	ALU	13/273686	US8755409	US	Processing Messages With Incomplete Primary Identification Information	14.10.2011
810291	ALU	11306605.4		EP	High-precision OTN Delay Measurement	02.12.2011
810404	ALU	12150879.0	EP2615755	EP	Super "Multicast switch"-based A/D block for transparent WDM node	12.01.2012
810554	ALU	12163018.0		EP	A Robust Optical Packet Arrival Detector for Coherent Transmission	03.04.2012
810070	ALU	13/472615	US8565718	US	Method And Apparatus For Classifying Mobile Network Usage Patterns	16.05.2012
800167	ALU	08169437.4	EP2063560	FR	ANY-RATE VCO-LESS CLOCK TRANSMISSION	19.11.2008
800167	ALU	08169437.4	EP2063560	DE	ANY-RATE VCO-LESS CLOCK TRANSMISSION	19.11.2008
800167	ALU	08169437.4	EP2063560	GB	ANY-RATE VCO-LESS CLOCK TRANSMISSION	19.11.2008

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
809763	ALU	13/338923	US8983476	US	Method And Apparatus For Dynamically Allocating Physical Cell Identifiers	28.12.2011
810427	ALU	13/370443	US9535748	US	Apparatus And Method For Matching Offers And Requests For Sharing Of Resources	10.02.2012
810447	ALU	13/300937		US	Personal Cloud Computing And Virtual Distributed Cloud Computing System	21.11.2011
810370	ALU	12305024.7		EP	eCharging Assistance System	09.01.2012
810178	ALU	13/727978	US9036647	US	Network Security Architecture using VRF	27.12.2012
Huo 12-41 (DD)	ALU	05252542.5	EP1596525	FR	Hybrid Wireless Communications System	22.04.2005
Huo 12-41 (DD)	ALU	05252542.5	EP1596525	DE	Hybrid Wireless Communications System	22.04.2005
Huo 12-41 (DD)	ALU	05252542.5	EP1596525	GB	Hybrid Wireless Communications System	22.04.2005
804031	ALU	200980158845.0	ZL200980158845.0	CN	Add and Drop Elements for an NTP On-path-Support (ADES)	21.04.2009
804031	ALU	2012506589	JP5373185	JP	Add and Drop Elements for an NTP On-path-Support (ADES)	21.04.2009
804031	ALU	20117024765	KR101336360	KR	Add and Drop Elements for an NTP On-path-Support (ADES)	21.04.2009
805290	ALU	1013285.6		BR	Dual beam active antenna	28.05.2010
805290	ALU	201080021600.6	ZL201080021600.6	CN	Dual beam active antenna	28.05.2010
805290	ALU	9411/CHENP/2011		IN	Dual beam active antenna	28.05.2010
805290	ALU	2012515414	JP5319840	JP	Dual beam active antenna	28.05.2010
805290	ALU	20117029894	KR1298518	KR	Dual beam active antenna	28.05.2010
805290	ALU	13/377640	US9083398	US	Dual beam active antenna	28.05.2010
809911	ALU	12290036.8		EP	Method For Implicit Guidance Of The Quality-Selection Algorithms In http Adaptive Streaming	31.01.2012
809403	ALU	12382006.0		EP	Intra-segment packetization for HTTP Adaptive Streaming	12.01.2012
810028	ALU	13/250124	US8630202	US	Method And Apparatus For Controlling Buffer Status Report Messaging	30.09.2011
150040	ALU	06301146.4	EP1786157	FR	System On Chip Switched Bus Architecture	14.11.2006
150040	ALU	06301146.4	EP1786157	DE	System On Chip Switched Bus Architecture	14.11.2006
150040	ALU	06301146.4	EP1786157	GB	System On Chip Switched Bus Architecture	14.11.2006
150311	ALU	08737748.7	EP2127233	FR	Redundant Far-End Pseudo-Wire Connectivity	29.01.2008
150311	ALU	08737748.7	EP2127233	DE	Redundant Far-End Pseudo-Wire Connectivity	29.01.2008
150311	ALU	08737748.7	EP2127233	GB	Redundant Far-End Pseudo-Wire Connectivity	29.01.2008
802921	ALU	09715202.9	EP2248328	FR	Bridgeport Private MAC Address Discovery Mechanism In Ethernet Access Networks	17.02.2009
802921	ALU	09715202.9	EP2248328	DE	Bridgeport Private MAC Address Discovery Mechanism In Ethernet Access Networks	17.02.2009
802921	ALU	09715202.9	EP2248328	GB	Bridgeport Private MAC Address Discovery Mechanism In Ethernet Access Networks	17.02.2009
803669	ALU	09787293.1	EP2314022	FR	Dynamic To Static VC Switching For TDM VLLS (Also Known As CPIPES Static To Dynamic VC-Switching)	03.07.2009
803669	ALU	09787293.1	EP2314022	DE	Dynamic To Static VC Switching For TDM VLLS (Also Known As CPIPES Static To Dynamic VC-Switching)	03.07.2009
803669	ALU	09787293.1	EP2314022	GB	Dynamic To Static VC Switching For TDM VLLS (Also Known As CPIPES Static To Dynamic VC-Switching)	03.07.2009
105694	ALU	05746896.9	EP1759471	FR	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
105694	ALU	05746896.9	EP1759471	DE	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
105694	ALU	05746896.9	EP1759471	IT	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
810679	ALU	13/343457	US9420059	US	Indication Of Authorized/Unauthorized PCC Rules From VPCRF To HPCRF	04.01.2012
Grosse 14 (EH)	ALU	06789264.6	EP1911243	FR	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
Grosse 14 (EH)	ALU	06789264.6	EP1911243	DE	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
Grosse 14 (EH)	ALU	06789264.6	EP1911243	GB	Method And Apparatus For Defending Against Denial Of Service Attacks In IP Networks Based On Specified Source/Destination IP Address Pairs	02.08.2006
804293	ALU	201080019213.9	ZL201080019213.9	CN	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	16.04.2010
804293	ALU	2012508525	JP5275512	JP	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	16.04.2010
804293	ALU	20117025935	KR101302410	KR	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	16.04.2010

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805141	ALU	201080019542.3	ZL201080019542.3	CN	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
805141	ALU	10772597.0		EP	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
805141	ALU	2012508667	JP5323254	JP	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
805141	ALU	20117026052	KR101272616	KR	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
804110	ALU	09305394.0	EP2249524	FR	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	04.05.2009
804110	ALU	09305394.0	EP2249524	DE	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	04.05.2009
804110	ALU	09305394.0	EP2249524	GB	A Method For Controlling Admission Of Undeclared Traffic Flows In Data Communication Systems	04.05.2009
804108	ALU	7858/CHENP/2011		IN	Class-O LINC Transmitter	15.04.2010
804108	ALU	2012507670	JP5450795	JP	Class-O LINC Transmitter	15.04.2010
804108	ALU	10-2011-7028016	KR101355823	KR	Class-O LINC Transmitter	15.04.2010
804108	ALU	13/266162	US9264359	US	Class-O LINC Transmitter	15.04.2010
113166	ALU	13160643	US8515279	US	Synchroner Crossconnect für OTN-Signale	15.06.2011
131299	ALU	13/226001	US8923288	US	OUTPUT DRIVEN MEMORY BASED SWITCH FOR TDM AND PACKET DATA CROSSCONNECTION	06.09.2011
810688	ALU	13/275809	US8842698	US	NAI Subscription-Id Hint Bit Handling	18.10.2011
803978	ALU	10716590.4	EP2436134	EP	Repair Mechanism of Real-Time Broadcasted Services in Hybrid DVB-Satellite Handled and Cellular Systems.	29.03.2010
810690	ALU	13/275647	US9615390	US	PCRF Session Architecture For Roaming	18.10.2011
105219	ALU	05290492.7	EP1575226	FR	SECURING PING RESPONSES	04.03.2005
105219	ALU	05290492.7	EP1575226	DE	SECURING PING RESPONSES	04.03.2005
105219	ALU	05290492.7	EP1575226	GB	SECURING PING RESPONSES	04.03.2005
810743	ALU	13/275870	US9264884	US	LTE Subscriber Identity Correlation Service	18.10.2011
805161	ALU	201080023227.8	ZL201080023227.8	CN	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
805161	ALU	2012513134	JP5709850	JP	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
805161	ALU	20117031024	KR101310621	KR	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
804458	ALU	09290521.5	EP2273828	FR	Low consumption WiFi access points	30.06.2009
804458	ALU	09290521.5	EP2273828	DE	Low consumption WiFi access points	30.06.2009
804458	ALU	09290521.5	EP2273828	GB	Low consumption WiFi access points	30.06.2009
Chowdhury 15-1 (A)	ALU	07794832.1	EP2024786	FR	Nonlinear Optical Devices Based On Metamaterials	14.05.2007
Chowdhury 15-1 (A)	ALU	07794832.1	EP2024786	DE	Nonlinear Optical Devices Based On Metamaterials	14.05.2007
Chowdhury 15-1 (A)	ALU	07794832.1	EP2024786	GB	Nonlinear Optical Devices Based On Metamaterials	14.05.2007
139376	ALU	05738536.1	EP1738485	FR	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
139376	ALU	05738536.1	EP1738485	DE	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
139376	ALU	05738536.1	EP1738485	GB	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
803918	ALU	09290253.5	EP2237453	FR	Criterion for an intelligent optical channel monitoring	03.04.2009
803918	ALU	09290253.5	EP2237453	DE	Criterion for an intelligent optical channel monitoring	03.04.2009
803918	ALU	09290253.5	EP2237453	GB	Criterion for an intelligent optical channel monitoring	03.04.2009
Ma 27-1 (Z)	ALU	09789484.4	EP2272279	FR	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
Ma 27-1 (Z)	ALU	09789484.4	EP2272279	DE	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
Ma 27-1 (Z)	ALU	09789484.4	EP2272279	GB	Method Of Reconfiguring Sector Coverage In In-Building Communications System	27.02.2009
802836	ALU	13/317933	US8462822	US	Polarization insensitive injection locked laser diodes for access applications	01.11.2011
805161	ALU	8399/CHENP/2011		IN	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
810770	ALU	11360051.4		EP	Wideband, Low-Profile, Small-Footprint Antenna Element	15.11.2011
805006	ALU	201080027589.4	ZL201080027589.4	CN	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	10.06.2010
805006	ALU	2012-516625	JP5335137	JP	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	10.06.2010
805006	ALU	13/319248	US9100506	US	Crosstalk Cancellation On Lines Terminated At Multiple Line Termination Cards	10.06.2010
803079	ALU	2012515489	JP5730296	JP	Manual attachment on customer's Femto cell.	17.06.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
803079	ALU	20117029985	KR1464953	KR	Manual attachment on customer's Femto cell.	17.06.2010
804752	ALU	8969/CHENP/2011		IN	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	01.06.2009
804752	ALU	2012513914	JP5379299	JP	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	01.06.2009
804752	ALU	20117031624	KR101312325	KR	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	01.06.2009
804752	ALU	13/320108	US8792857	US	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	11.11.2011
150038	ALU	06849459.0	EP1972095	FR	Graceful Restart For Source and Destination SPVCs	11.12.2006
150038	ALU	06849459.0	EP1972095	DE	Graceful Restart For Source and Destination SPVCs	11.12.2006
150038	ALU	06849459.0	EP1972095	GB	Graceful Restart For Source and Destination SPVCs	11.12.2006
804716	ALU	201080025892.0	ZL201080025892.0	CN	Variable concentrator for flexible bitrate transponders	03.03.2010
804716	ALU	2012514399	JP5558564	JP	Variable concentrator for flexible bitrate transponders	03.03.2010
804716	ALU	13/319236	US8624762	US	Variable concentrator for flexible bitrate transponders	03.03.2010
137429	ALU	02292369.2	EP1298866	FR	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	26.09.2002
137429	ALU	02292369.2	EP1298866	DE	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	26.09.2002
137429	ALU	02292369.2	EP1298866	GB	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	26.09.2002
804694	ALU	09169181.6	EP2293433	FR	Envelope Tracking Amplifier Pallet	01.09.2009
804694	ALU	09169181.6	EP2293433	DE	Envelope Tracking Amplifier Pallet	01.09.2009
804694	ALU	09169181.6	EP2293433	GB	Envelope Tracking Amplifier Pallet	01.09.2009
810818	ALU	13/631264	US8948014	US	System And Method For Load Balancing MMEs And MME Pools	28.09.2012
804632	ALU	09425094.1	EP2228928	FR	Transport of logical client interfaces over OTN using ODU-flex	09.03.2009
804632	ALU	09425094.1	EP2228928	DE	Transport of logical client interfaces over OTN using ODU-flex	09.03.2009
804632	ALU	09425094.1	EP2228928	GB	Transport of logical client interfaces over OTN using ODU-flex	09.03.2009
804632	ALU	11188229.6		EP	Transport of logical client interfaces over OTN using ODU-flex	08.11.2011
810941	ALU	13/536359	US8842959	US	Increased Connector Port Density Via Extending Faceplate	28.06.2012
804774	ALU	201080033978.8	ZL201080033978.8	CN	PTP (Message) Frequency Field (PFF)	22.07.2010
804774	ALU	2012522115	JP5548268	JP	PTP (Message) Frequency Field (PFF)	22.07.2010
804774	ALU	20127002709	KR101315593	KR	PTP (Message) Frequency Field (PFF)	22.07.2010
804774	ALU	13/375960	US9009282	US	PTP (Message) Frequency Field (PFF)	22.07.2010
805512	ALU	201080028849.X	ZL201080028849.X	CN	Receiver For Optical Transverse-Mode-Mutiplexed Signals	18.06.2010
805512	ALU	10727622.2		EP	Receiver For Optical Transverse-Mode-Mutiplexed Signals	18.06.2010
805512	ALU	20127001748	KR101355011	KR	Receiver For Optical Transverse-Mode-Mutiplexed Signals	18.06.2010
804964(1)	ALU	201080028523.7	ZL201080028523.7	CN	Method to exchange user-network information to dynamically adjust connection	18.06.2010
804964(1)	ALU	2012-516661	JP5504342	JP	Method to exchange user-network information to dynamically adjust connection	18.06.2010
804964(1)	ALU	10-2011-7030583	KR10-1354469	KR	Method to exchange user-network information to dynamically adjust connection	18.06.2010
804964(1)	ALU	13/321654	US8594058	US	Method to exchange user-network information to dynamically adjust connection	18.06.2010
Bernasconi 6-4 (PA)	ALU	05250276.2	EP1560047	FR	Active/Passive Monolithically Integrated Channel Filtering Polarization Splitter	20.01.2005
Bernasconi 6-4 (PA)	ALU	05250276.2	EP1560047	DE	Active/Passive Monolithically Integrated Channel Filtering Polarization Splitter	20.01.2005
Bernasconi 6-4 (PA)	ALU	05250276.2	EP1560047	GB	Active/Passive Monolithically Integrated Channel Filtering Polarization Splitter	20.01.2005
810935	ALU	11306542.9		EP	Solution Architect	23.11.2011
810788	ALU	12360011.6		EP	Parallel Doherty Amplifier	29.02.2012
804799	ALU	10162984.8	EP2273759	FR	Strategy for efficiently and Reliably locating session data in clusters	17.05.2010
804799	ALU	10162984.8	EP2273759	DE	Strategy for efficiently and Reliably locating session data in clusters	17.05.2010
804799	ALU	10162984.8	EP2273759	IT	Strategy for efficiently and Reliably locating session data in clusters	17.05.2010
804799	ALU	10162984.8	EP2273759	GB	Strategy for efficiently and Reliably locating session data in clusters	17.05.2010
804538	ALU	09790009.6		EP	Front-End Charging System That Generates Charging Data Entity Having A Revenue Share	30.06.2009
804538	ALU	9923/DELNP/2011		IN	Front-End Charging System That Generates Charging Data Entity Having A Revenue Share	30.06.2009
804538	ALU	2012518518	JP5511950	JP	Front-End Charging System That Generates Charging Data Entity Having A Revenue Share	30.06.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804538	ALU	20127002305	KR1411329	KR	Front-End Charging System That Generates Charging Data Entity Having A Revenue Share	30.06.2009
804538	ALU	13/320230	US9380168	US	Front-End Charging System That Generates Charging Data Entity Having A Revenue Share	11.11.2011
805311	ALU	201080029203.3	ZL201080029203.3	CN	Message Delivery Over LTE Networks	16.06.2010
805311	ALU	10727615.6		EP	Message Delivery Over LTE Networks	16.06.2010
805311	ALU	2012518542	JP5519787	JP	Message Delivery Over LTE Networks	16.06.2010
804661	ALU	09305776.8	EP2288090	FR	Server_to_client_UNI	21.08.2009
804661	ALU	09305776.8	EP2288090	DE	Server_to_client_UNI	21.08.2009
804661	ALU	09305776.8	EP2288090	GB	Server_to_client_UNI	21.08.2009
Alexiou 6-1 (A)	ALU	06800797.0	EP1915827	FR	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	06800797.0	EP1915827	DE	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	06800797.0	EP1915827	GB	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
804656	ALU	201080025829.7	ZL201080025829.7	CN	Intelligent notification and rewarding engine in the Parental Control system	06.05.2010
804656	ALU	10727462.3		EP	Intelligent notification and rewarding engine in the Parental Control system	06.05.2010
804656	ALU	2012514513	JP5501450	JP	Intelligent notification and rewarding engine in the Parental Control system	06.05.2010
804656	ALU	20127000705	KR101344661	KR	Intelligent notification and rewarding engine in the Parental Control system	06.05.2010
139348	ALU	06024583.4	EP1793538	FR	SEAMLESS MOBILITY IN L2 RAN FOR WIRELESS NETWORKS	28.11.2006
139348	ALU	06024583.4	EP1793538	DE	SEAMLESS MOBILITY IN L2 RAN FOR WIRELESS NETWORKS	28.11.2006
139348	ALU	06024583.4	EP1793538	GB	SEAMLESS MOBILITY IN L2 RAN FOR WIRELESS NETWORKS	28.11.2006
801444	ALU	07290738.9	EP2003824	FR	CENTRAL ADMISSION CONTROL FOR MULTICAST TRAFFIC	12.06.2007
801444	ALU	07290738.9	EP2003824	DE	CENTRAL ADMISSION CONTROL FOR MULTICAST TRAFFIC	12.06.2007
801444	ALU	07290738.9	EP2003824	GB	CENTRAL ADMISSION CONTROL FOR MULTICAST TRAFFIC	12.06.2007
121246	ALU	07291416.1	EP2066073	FR	TRANSPARENT SNOOPER WITH PROXY PIGGY BACK.	28.11.2007
121246	ALU	07291416.1	EP2066073	DE	TRANSPARENT SNOOPER WITH PROXY PIGGY BACK.	28.11.2007
121246	ALU	07291416.1	EP2066073	GB	TRANSPARENT SNOOPER WITH PROXY PIGGY BACK.	28.11.2007
810906	ALU	13/369475	US8856960	US	Data Leakage Prevention For Cloud And Enterprise Networks	09.02.2012
811051	ALU	13/348243	US8868647	US	Reducing Latency And Cost In Resilient Cloud File Systems	11.01.2012
806130	ALU	10290072.7	EP2360967	FR	Handover mechanism for high-speed line-of-sight scenario and corresponding system concept	15.02.2010
806130	ALU	10290072.7	EP2360967	DE	Handover mechanism for high-speed line-of-sight scenario and corresponding system concept	15.02.2010
806130	ALU	10290072.7	EP2360967	GB	Handover mechanism for high-speed line-of-sight scenario and corresponding system concept	15.02.2010
810925	ALU	13/348754	US8812454	US	Apparatus And Method For Managing Storage Of Data Blocks	12.01.2012
811064	ALU	13/358615	US8304276	US	Film Stress Management For MEMS Through Selective Relaxation	26.01.2012
805242	ALU	09290788.0	EP2312749	FR	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	15.10.2009
805242	ALU	09290788.0	EP2312749	DE	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	15.10.2009
805242	ALU	09290788.0	EP2312749	GB	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	15.10.2009
807682	ALU	11192003.9		EP	A Method and a Tool for Document Printing Confidentiality Reinforcement in Companies	05.12.2011
801898	ALU	08290174.5	EP2093919	FR	Channel time-variation measurement and classification based on WiMAX pilot structures, providing a decision basis for scheduling of PUSC or AMC allocation	25.02.2008
801898	ALU	08290174.5	EP2093919	DE	Channel time-variation measurement and classification based on WiMAX pilot structures, providing a decision basis for scheduling of PUSC or AMC allocation	25.02.2008
801898	ALU	08290174.5	EP2093919	GB	Channel time-variation measurement and classification based on WiMAX pilot structures, providing a decision basis for scheduling of PUSC or AMC allocation	25.02.2008
804169	ALU	09290898.7	EP2330856	FR	Interference Coordination Scheme with implicit Communication between neighboring basestations	03.12.2009
804169	ALU	09290898.7	EP2330856	DE	Interference Coordination Scheme with implicit Communication between neighboring basestations	03.12.2009
804169	ALU	09290898.7	EP2330856	GB	Interference Coordination Scheme with implicit Communication between neighboring basestations	03.12.2009
810649	ALU	12305160.9		EP	Mediated Asynchronous Video Communication System	14.02.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Kulkarni 3-122 (NA)	ALU	07874484.4	EP2092702	FR	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Kulkarni 3-122 (NA)	ALU	07874484.4	EP2092702	DE	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Kulkarni 3-122 (NA)	ALU	07874484.4	EP2092702	GB	Measurement Data Record Method For Detecting Hybrid Mobile Tune Away	30.04.2007
Hoekstra 5-5 (GJ)	ALU	2011-267028	JP5242763	JP	Maintaining Quality Of Service For Wireless Communications	06.06.2007
121129	ALU	05291838.0	EP1761012	FR	DETECTING MISSING DSL FILTER/SPLITTER.	06.09.2005
121129	ALU	05291838.0	EP1761012	DE	DETECTING MISSING DSL FILTER/SPLITTER.	06.09.2005
121129	ALU	05291838.0	EP1761012	GB	DETECTING MISSING DSL FILTER/SPLITTER.	06.09.2005
811104	ALU	13/367441	US8566373	US	Probabilistic Fingerprint Checking For Preventing Data Leakage	07.02.2012
810443	ALU	13/476678	US9161187	US	Caller ID For Text Messaging	21.05.2012
805296	ALU	201080030738.2	ZL201080030738.2	CN	An Optical Coupler	22.06.2010
805296	ALU	10725594.5		EP	An Optical Coupler	22.06.2010
805296	ALU	PI2011006411	MY157037	MY	An Optical Coupler	22.06.2010
805296	ALU	20127000364	KR1333418	KR	An Optical Coupler	22.06.2010
810908	ALU	13/724926	US8938134	US	Hybrid Optical Modulator For Photonic Integrated Circuit Devices	21.12.2012
810918	ALU	12305545.1	EP2665212	EP	Optical packet multi-ring architecture	16.05.2012
811044	ALU	12305346.4		EP	Interconnection protection in a communication system	26.03.2012
804270	ALU	09787609.8		EP	Mechanism to convey dynamic Charging related info over SIP (including Charging Offer Answer Model)	24.07.2009
804270	ALU	2012521156	JP5635607	JP	Mechanism to convey dynamic Charging related info over SIP (including Charging Offer Answer Model)	24.07.2009
804270	ALU	20127004633		KR	Mechanism to convey dynamic Charging related info over SIP (including Charging Offer Answer Model)	24.07.2009
804298	ALU	201080033540.X	ZL201080033540.X	CN	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
804298	ALU	10747600.4	EP2457343	EP	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
804298	ALU	2012520986	JP5378601	JP	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
804298	ALU	20127004706	KR101340752	KR	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
804298	ALU	13/384812	US8698530	US	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
810967	ALU	13/438265		US	Spending Limits For Offline Charging	03.04.2012
804201	ALU	09290462.2	EP2264954	FR	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	18.06.2009
804201	ALU	09290462.2	EP2264954	DE	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	18.06.2009
804201	ALU	09290462.2	EP2264954	GB	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	18.06.2009
804773	ALU	10151116.0	EP2239874	FR	Detection terminal taking full advantage of the coherent detection	19.01.2010
804773	ALU	10151116.0	EP2239874	DE	Detection terminal taking full advantage of the coherent detection	19.01.2010
804773	ALU	10151116.0	EP2239874	GB	Detection terminal taking full advantage of the coherent detection	19.01.2010
804824	ALU	201080037013.6	ZL201080037013.6	CN	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.08.2010
804824	ALU	10747372.0		EP	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.08.2010
804775	ALU	2012526096	JP5449555	JP	Criteria for the selection of physical parameters of bi-directional links	12.08.2010
804775	ALU	1020127007409	KR101525464	KR	Criteria for the selection of physical parameters of bi-directional links	12.08.2010
804775	ALU	13/390742		US	Criteria for the selection of physical parameters of bi-directional links	12.08.2010
804739	ALU	201080037982.1	CN102484831B	CN	Identifying Cell Spots	13.08.2010
804739	ALU	2012525146	JP5368638	JP	Identifying Cell Spots	13.08.2010
Cai 119 (Y)	ALU	13/349661	US8848888	US	Charging For Long Duration Sessions in Communication Networks	13.01.2012
805456	ALU	09290738.5	EP2302851	FR	COC Compliant and Green DSL Line Driver Supply Rail Selection	29.09.2009
805456	ALU	09290738.5	EP2302851	DE	COC Compliant and Green DSL Line Driver Supply Rail Selection	29.09.2009
805456	ALU	09290738.5	EP2302851	GB	COC Compliant and Green DSL Line Driver Supply Rail Selection	29.09.2009
811273	ALU	13/369691	US8644257	US	A new BSS Network, which supports both IP and TDM	01.06.2007
Wang 13 (J)	ALU	08794383.3	EP2171874	FR	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Wang 13 (J)	ALU	08794383.3	EP2171874	DE	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	IT	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	ES	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	GB	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
811245	ALU	13/363334	US8824480	US	Method And Apparatus For End-Host Based Mobility, Multi-Homing And Mutipath Protocols	31.01.2012
803864	ALU	08305901.4	EP2197170	FR	VOIP Registration Backup on VRRP Routers	09.12.2008
803864	ALU	08305901.4	EP2197170	DE	VOIP Registration Backup on VRRP Routers	09.12.2008
803864	ALU	08305901.4	EP2197170	GB	VOIP Registration Backup on VRRP Routers	09.12.2008
804824	ALU	20127004404	KR101337039	KR	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.08.2010
801658	ALU	13/352451	US9419995	US	Malware Detection System and Method	18.01.2012
811041	ALU	12305168.2		EP	Detachable base station	15.02.2012
132709	ALU	03007232.6	EP1353473	FR	SNMP Trap and Inform Shaping Mechanism	01.04.2003
132709	ALU	03007232.6	EP1353473	DE	SNMP Trap and Inform Shaping Mechanism	01.04.2003
132709	ALU	03007232.6	EP1353473	GB	SNMP Trap and Inform Shaping Mechanism	01.04.2003
104366	ALU	02748859.2	EP1497933	FR	System And Method For Real-Time Interconnection Of Elements Of A Wide Area Monitoring, Measurement Or Data Collection System Through A Direct Digital Satellite Broadcasting Multiplexing System	09.04.2002
104366	ALU	02748859.2	EP1497933	DE	System And Method For Real-Time Interconnection Of Elements Of A Wide Area Monitoring, Measurement Or Data Collection System Through A Direct Digital Satellite Broadcasting Multiplexing System	09.04.2002
104366	ALU	02748859.2	EP1497933	GB	System And Method For Real-Time Interconnection Of Elements Of A Wide Area Monitoring, Measurement Or Data Collection System Through A Direct Digital Satellite Broadcasting Multiplexing System	09.04.2002
104663	ALU	02796286.9	EP1421723	FR	DISPOSITIF DE TRANSMISSION SECURISEE DE TRAMES COMPRIMEES	28.06.2002
104663	ALU	02796286.9	EP1421723	DE	DISPOSITIF DE TRANSMISSION SECURISEE DE TRAMES COMPRIMEES	28.06.2002
104663	ALU	02796286.9	EP1421723	GB	DISPOSITIF DE TRANSMISSION SECURISEE DE TRAMES COMPRIMEES	28.06.2002
102319	ALU	00949652.2	EP1112630	FR	SNR estimation in a telecommunication receiver and use for controlling an emitter	06.07.2000
102319	ALU	00949652.2	EP1112630	DE	SNR estimation in a telecommunication receiver and use for controlling an emitter	06.07.2000
102319	ALU	00949652.2	EP1112630	GB	SNR estimation in a telecommunication receiver and use for controlling an emitter	06.07.2000
805997	ALU	201080040819.0	ZL201080040819.0	CN	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	2108/CHENP/2012		IN	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	2012528297	JP5506931	JP	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	1020127009369	KR1342429	KR	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	13/394897	US9203540	US	ODU TCM Layer for OTN Auto-discovery	13.08.2010
811105	ALU	13/434399	US8989376	US	Method And Apparatus For Authenticating Video Content	29.03.2012
805282	ALU	10290175.8	EP2372905	FR	Efficiency improved Doherty	01.04.2010
805282	ALU	10290175.8	EP2372905	DE	Efficiency improved Doherty	01.04.2010
805282	ALU	10290175.8	EP2372905	GB	Efficiency improved Doherty	01.04.2010
804762	ALU	09290524.9	EP2273702	FR	Optical power saving transponder	30.06.2009
804762	ALU	09290524.9	EP2273702	DE	Optical power saving transponder	30.06.2009
804762	ALU	09290524.9	EP2273702	GB	Optical power saving transponder	30.06.2009
811395	ALU	13/369994	US8818701	US	Locating Sensor Nodes Through Correlations	09.02.2012
810680	ALU	13/429021	US8631491	US	Replay Attach Protection With Small State In Secure Group Communication	23.03.2012
810976	ALU	12382084.7		EP	Increase SP subscribers privacy, while monetizing geolocation services in Distributed CG-NAT for IPv4	05.03.2012
811403	ALU	13/420256	US8450143	US	Organic Semiconductor Compositions With Nanoparticles	14.03.2012
804522	ALU	201080042944.5	ZL201080042944.5	CN	Traffic and Interference Aware Resource Management	20.09.2010
804522	ALU	20127009815	KR101461372	KR	Traffic and Interference Aware Resource Management	20.09.2010
804522	ALU	13/496315	US8948774	US	Traffic and Interference Aware Resource Management	20.09.2010
805517	ALU	201080060530.5	ZL201080060530.5	CN	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	20.12.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805517	ALU	2012546411	JP5509340	JP	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	20.12.2010
805517	ALU	2012-7020312	KR101389670	KR	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	20.12.2010
805517	ALU	13/515455		US	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	20.12.2010
806967	ALU	201180028833.3	ZL201180028833.3	CN	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	07.06.2011
806967	ALU	2013-513659	JP5588064	JP	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	07.06.2011
806967	ALU	2013-7000694	KR101384400	KR	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	07.06.2011
806967	ALU	13/698511	US8964565	US	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	07.06.2011
Aksyuk 56-17 (VA)	ALU	201210022803.8	ZL201210022803.8	CN	Surface Plasmon Polariton Modulation	28.10.2008
806008	ALU	201080042475.7	ZL201080042475.7	CN	Digital Coherent Detection Of Multi-Carrier Optical Signal	16.09.2010
805508	ALU	201080043548.4	ZL201080043548.4	CN	Immobilization Module For Security On A Communication System	20.09.2010
805508	ALU	10773748.8		EP	Immobilization Module For Security On A Communication System	20.09.2010
805508	ALU	2932/CHENP/2012		IN	Immobilization Module For Security On A Communication System	20.09.2010
805508	ALU	2012532117	JP6059016	JP	Immobilization Module For Security On A Communication System	20.09.2010
811077	ALU	13/415881		US	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	09.03.2012
811419	ALU	13/413205	US8676210	US	Handling Of Event Trigger Registrations On BBERF During Hand-Over	06.03.2012
805456	ALU	201080042925.2	ZL201080042925.2	CN	COC Compliant and Green DSL Line Driver Supply Rail Selection	17.09.2010
805456	ALU	2012-531321	JP5591338	JP	COC Compliant and Green DSL Line Driver Supply Rail Selection	17.09.2010
805456	ALU	10-2012-7010731	KR101305932	KR	COC Compliant and Green DSL Line Driver Supply Rail Selection	17.09.2010
802923	ALU	08290096.0	EP2086237	FR	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	04.02.2008
802923	ALU	08290096.0	EP2086237	DE	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	04.02.2008
802923	ALU	08290096.0	EP2086237	GB	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	04.02.2008
807565	ALU	201180027295.6	ZL2011800272956	CN	A framework based on multiple directed graphs to use and manage the objects to the Web	09.03.2011
807565	ALU	10060/CHENP/2012		IN	A framework based on multiple directed graphs to use and manage the objects to the Web	09.03.2011
807565	ALU	2013512966	JP5646050	JP	A framework based on multiple directed graphs to use and manage the objects to the Web	09.03.2011
807565	ALU	20127034366	KR101485331	KR	A framework based on multiple directed graphs to use and manage the objects to the Web	09.03.2011
807565	ALU	13/700487		US	A framework based on multiple directed graphs to use and manage the objects to the Web	09.03.2011
131329	ALU	06291666.3	EP1916798	FR	Efficient discovery SNMP MIB Tree	23.10.2006
131329	ALU	06291666.3	EP1916798	DE	Efficient discovery SNMP MIB Tree	23.10.2006
131329	ALU	06291666.3	EP1916798	GB	Efficient discovery SNMP MIB Tree	23.10.2006
Borst 18-15 (SC)	ALU	08742281.2	EP2143212	FR	Mimo Communication System With User Scheduling Based On Reduced Channel State Information	26.03.2008
Borst 18-15 (SC)	ALU	08742281.2	EP2143212	DE	Mimo Communication System With User Scheduling Based On Reduced Channel State Information	26.03.2008
Borst 18-15 (SC)	ALU	08742281.2	EP2143212	GB	Mimo Communication System With User Scheduling Based On Reduced Channel State Information	26.03.2008
811362	ALU	13/653737	US9253101	US	Group Data Plan Quata Allocation For Mobile Devices	17.10.2012
811416	ALU	12305202.9	EP2632072	EP	Remote Transmission Selection Unit For A Latency Tolerant C-RAN Architecture	22.02.2012
811418	ALU	13/564840	US9215019	US	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	02.08.2012
103344	ALU	02292185.2	EP1292072	FR	PROTECTED OPTICAL RING	05.09.2002
103344	ALU	02292185.2	EP1292072	DE	PROTECTED OPTICAL RING	05.09.2002
103344	ALU	02292185.2	EP1292072	GB	PROTECTED OPTICAL RING	05.09.2002
804824	ALU	13/718379	US9705799	US	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.12.2012
811154	ALU	1252439	FR2988253	FR	Multi-screen usage control	19.03.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
811497	ALU	13/446010	US8943269	US	Apparatus And Method For Meeting Performance Metrics For Users In File Systems	13.04.2012
805181	ALU	201080057572.3	ZL201080057572.3	CN	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	23.11.2010
805181	ALU	2012544554	JP5498585	JP	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	23.11.2010
805181	ALU	20127018419	KR101394106	KR	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	23.11.2010
811581	ALU	13/456402	US9229778	US	Method And System For Dynamic Scaling In A Cloud Environment	26.04.2012
809938	ALU	13/564160	US9002932	US	Cloud Computing Service Access Gateway In IMS Network	01.08.2012
150262	ALU	07804937.6	EP2020130	FR	Port Association For Port Operational Status Event Monitoring	14.05.2007
150262	ALU	07804937.6	EP2020130	DE	Port Association For Port Operational Status Event Monitoring	14.05.2007
150262	ALU	07804937.6	EP2020130	GB	Port Association For Port Operational Status Event Monitoring	14.05.2007
805174	ALU	201080043531.9	ZL201080043531.9	CN	"void" regeneration for multiplexing of multi-modulation rates optical packets	15.09.2010
805174	ALU	10770564.2		EP	"void" regeneration for multiplexing of multi-modulation rates optical packets	15.09.2010
805174	ALU	20127010710	KR101451608	KR	"void" regeneration for multiplexing of multi-modulation rates optical packets	15.09.2010
805174	ALU	13/497216	US8737835	US	"void" regeneration for multiplexing of multi-modulation rates optical packets	15.09.2010
804234	ALU	10770561.8		EP	Technique for polarization tributaries identification	15.09.2010
804234	ALU	2012531472	JP5583222	JP	Technique for polarization tributaries identification	15.09.2010
804234	ALU	20127010704	KR1392793	KR	Technique for polarization tributaries identification	15.09.2010
804234	ALU	13/496669	US9219548	US	Technique for polarization tributaries identification	15.09.2010
Liu 46 (X)	ALU	06816417.7	EP1932261	FR	Optical Demodulating Apparatus And Method	05.10.2006
Liu 46 (X)	ALU	06816417.7	EP1932261	DE	Optical Demodulating Apparatus And Method	05.10.2006
Liu 46 (X)	ALU	06816417.7	EP1932261	GB	Optical Demodulating Apparatus And Method	05.10.2006
805803	ALU	201080057575.7	ZL201080057575.7	CN	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805803	ALU	2012543570	JP5351342	JP	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805803	ALU	20127018687	KR1319906	KR	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805803	ALU	13/513950	US9166682	US	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805187	ALU	201080044455.3	ZL201080044455.3	CN	Control and Use things through a video interaction	03.09.2010
805187	ALU	3074/CHENP/2012		IN	Control and Use things through a video interaction	03.09.2010
805187	ALU	2012532642	JP5799018	JP	Control and Use things through a video interaction	03.09.2010
805187	ALU	20127008786	KR101470711	KR	Control and Use things through a video interaction	03.09.2010
805187	ALU	13/499691	US9063537	US	Control and Use things through a video interaction	03.09.2010
805242	ALU	1120120087835		BR	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	04.10.2010
805242	ALU	201080046572.3	ZL201080046572.3	CN	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	04.10.2010
805242	ALU	3312/CHNEP/2012		IN	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	04.10.2010
805242	ALU	2012533567	JP5373975	JP	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	04.10.2010
805242	ALU	1020127012217	KR101356599	KR	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	04.10.2010
805242	ALU	13/499695	US8674762	US	Reed Resonator based Spectral rf Power Amplifer ("HARP amplifier")	04.10.2010
Harms 3-2 (DC)	ALU	13/421301	US8571219	US	Authentication Loading Control And Information Recapture In A UMTS Network	15.03.2012
804722	ALU	20127011542	KR101529372	KR	Techniques for Caching and Pre-fetching of Mobile Content At the Network Edge Based on Prediction of Users' Locations and Content Demands	04.11.2010
805415	ALU	2012533573	JP5732465	JP	OADM for continuous waveband signals	06.10.2010
805415	ALU	1020127012076	KR10-1392794	KR	OADM for continuous waveband signals	06.10.2010
805415	ALU	13/499409	US8867916	US	OADM for continuous waveband signals	06.10.2010
811495	ALU	12290126.7	EP2651123	EP	Implementation Of A Network PVR	10.04.2012
811001	ALU	13/626279	US8880691	US	Confidence Based Network Management	25.09.2012
803004	ALU	09715170.8	EP2248301	FR	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
803004	ALU	09715170.8	EP2248301	DE	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009
803004	ALU	09715170.8	EP2248301	GB	In-Bound Mechanism That Verifies End-To-End Service Configuration With Application Awareness	17.02.2009
811525	ALU	12305616.0		EP	A Network Feature Enabled Cloud Service Brokerage Platform	01.06.2012
Cai 121-39 (Y)	ALU	08832978.4	EP2195964	FR	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	08832978.4	EP2195964	DE	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	08832978.4	EP2195964	GB	Charging For Roaming Users In IMS Networks	15.09.2008
808322	ALU	101115410	TWI460948	TW	Semiconductor Optical Amplifier Device And Optical Matrix Switch	30.04.2012
811055	ALU	13/456749	US8879647	US	Methods Of Allocating Resources In A System And Systems Implementing The Same	26.04.2012
810913	ALU	12306611.0		EP	Natural Hyper-whispering: Using A Leaning Gesture For Conference Call Control	18.12.2012
811394	ALU	12306020.4		EP	Video Summarization for Heterogenous Video Sharing Service Providers	24.08.2012
811463	ALU	12290211.7		EP	Smooth Quality Transitions In Adaptive Streaming	28.06.2012
135997	ALU	03012382.2	EP1370108	FR	OPTICAL SWITCH CONTROLLER FOR FAIR AND EFFECTIVE LIGHTPATH RESERVATION	30.05.2003
135997	ALU	03012382.2	EP1370108	DE	OPTICAL SWITCH CONTROLLER FOR FAIR AND EFFECTIVE LIGHTPATH RESERVATION	30.05.2003
806349	ALU	201080050923.8	ZL201080050923.8	CN	Antenna Apparatus and Antenna Selection Method	21.09.2010
806349	ALU	4203/CHENP/2012		IN	Antenna Apparatus and Antenna Selection Method	21.09.2010
806349	ALU	2012538253	JP5698253	JP	Antenna Apparatus and Antenna Selection Method	21.09.2010
806349	ALU	2012124066	RU2522022	RU	Antenna Apparatus and Antenna Selection Method	21.09.2010
806349	ALU	13/509293	US8688108	US	Antenna Apparatus and Antenna Selection Method	21.09.2010
811477	ALU	13/538916	US8902281	US	System And Method For Image Stabilization In Videoconferencing	29.06.2012
811447	ALU	12290330.5		EP	Detection Of Surge Protection Impacting DSL Lines	05.10.2012
811194	ALU	13/557843	US9042721	US	Stochastic Reflectometer	25.07.2012
811712	ALU	13/856624	US9124504	US	System And Method For Implementing LDP LSR Overload Protection	04.04.2013
811713	ALU	13/857137	US9306855	US	System And Method For Routable LDP LSR Identifier In IPv6 Networks	04.04.2013
811714	ALU	13/857110	US9264361	US	System And Method Providing For Multiple LDP Instances	04.04.2013
811715	ALU	13/857118	US9225649	US	System And Method For Data-Plane Fate Separation Of LDP LSPs	04.04.2013
102896	ALU	01949563.9	EP1210751	FR	Manufacturing process for cladding pumped fiber	28.06.2001
102896	ALU	01949563.9	EP1210751	DE	Manufacturing process for cladding pumped fiber	28.06.2001
102896	ALU	01949563.9	EP1210751	GB	Manufacturing process for cladding pumped fiber	28.06.2001
806084	ALU	201080063311.2	ZL201080063311.2	CN	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
806084	ALU	2012542385	JP5762436	JP	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
806084	ALU	1020127017513	KR1014736830000	KR	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
806084	ALU	13/514423	US9078178	US	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
811757	ALU	13/475236	US9130843	US	Method And Apparatus For Improving HTTP Adaptive Streaming Performance Using TCP Modifications At Content Source	18.05.2012
811764	ALU	13/474773	US9405588	US	Cloud Resource Allocation System And Method	18.05.2012
Cai 118 (Y)	ALU	13/450189	US8605874	US	Per-Session Dynamic Charging Caps In Communication Networks	18.04.2012
Dinu 7-16-74-9-15 (M)	ALU	06758567.9	EP1882331	FR	Quantum Key Distribution	25.04.2006
Dinu 7-16-74-9-15 (M)	ALU	06758567.9	EP1882331	DE	Quantum Key Distribution	25.04.2006
Dinu 7-16-74-9-15 (M)	ALU	06758567.9	EP1882331	GB	Quantum Key Distribution	25.04.2006
805777	ALU	09809000.4		EP	Handoff Maintenance Improvement	23.11.2009
805777	ALU	13/505419	US9112878	US	Handoff Maintenance Improvement	23.11.2009
805415	ALU	09305974.9	EP2312770	FR	OADM for continuous waveband signals	13.10.2009
805415	ALU	09305974.9	EP2312770	DE	OADM for continuous waveband signals	13.10.2009
805415	ALU	09305974.9	EP2312770	GB	OADM for continuous waveband signals	13.10.2009
805997	ALU	09305838.6	EP2296300	FR	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	DE	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	IT	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	ES	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	GB	ODU TCM Layer for OTN Auto-discovery	14.09.2009

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
811313	ALU	12172112.0		EP	Method For Simulating Uniform Scene Lighting In Immersive Video Conferences	15.06.2012
811793	ALU	12290142.4		EP	Transmitter Controller Reasoning System	27.04.2012
805955	ALU	201080055656.3	ZL201080055656.3	CN	CFM Timeout Interval Control To Support Hitless Software Upgrades	02.12.2010
805955	ALU	2012543159	JP5529288	JP	CFM Timeout Interval Control To Support Hitless Software Upgrades	02.12.2010
805955	ALU	20127014659	KR101425291	KR	CFM Timeout Interval Control To Support Hitless Software Upgrades	02.12.2010
805937	ALU	201080057680.0	ZL201080057680.0	CN	Photonic Match Filter	30.11.2010
805937	ALU	10787638.5		EP	Photonic Match Filter	30.11.2010
805937	ALU	2012544570	JP6039422	JP	Photonic Match Filter	30.11.2010
805937	ALU	PI2012002572	MY157208	MY	Photonic Match Filter	30.11.2010
805937	ALU	201204371-7	SG181692	SG	Photonic Match Filter	30.11.2010
805937	ALU	20127015563	KR101476012	KR	Photonic Match Filter	30.11.2010
804999	ALU	2012543564	JP5946412	JP	Synchronization Interface in a small form factor pluggable module (SFFPM)	17.11.2010
804999	ALU	10-2012-7018754	KR101576451	KR	Synchronization Interface in a small form factor pluggable module (SFFPM)	17.11.2010
804999	ALU	13/510448	US8774339	US	Synchronization Interface in a small form factor pluggable module (SFFPM)	17.11.2010
804993	ALU	201080057543.7	ZL201080057543.7	CN	Scalable Agnostic Optical Switch Fabric	26.11.2010
804993	ALU	2012543581	JP5431596	JP	Scalable Agnostic Optical Switch Fabric	26.11.2010
804993	ALU	1020127018266	KR101324058	KR	Scalable Agnostic Optical Switch Fabric	26.11.2010
804993	ALU	13/513725	US9173012	US	Scalable Agnostic Optical Switch Fabric	26.11.2010
805813	ALU	201080057589.9	ZL201080057589.9	CN	Variable bitrate OFDM	03.12.2010
805813	ALU	2012543593	JP5663032	JP	Variable bitrate OFDM	03.12.2010
805813	ALU	1020127018280	KR101346010	KR	Variable bitrate OFDM	03.12.2010
802957	ALU	08305395.9	EP2143380	FR	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	11.07.2008
802957	ALU	08305395.9	EP2143380	DE	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	11.07.2008
802957	ALU	08305395.9	EP2143380	GB	AN APPLICATION SERVER FOR REDUCING AMBIANCE NOISE IN AN AUSCULTATION SIGNAL, AND FOR RECORDING COMMENTS WHILE AUSCULTING A PATIENT WITH AN ELECTRONIC STETHOSCOPE	11.07.2008
811457	ALU	13/537300	US8972608	US	User-Selectable IEEE1588 Clock Class And Quality Level Mapping	29.06.2012
805370	ALU	201080057935.3	ZL201080057935.3	CN	Hosted and managed security service for non-technical people using network behavior techniques	08.12.2010
805370	ALU	10805798.5		EP	Hosted and managed security service for non-technical people using network behavior techniques	08.12.2010
805370	ALU	2012545374	JP5699162	JP	Hosted and managed security service for non-technical people using network behavior techniques	08.12.2010
805370	ALU	20127016005	KR101443472	KR	Hosted and managed security service for non-technical people using network behavior techniques	08.12.2010
805370	ALU	13/515316	US9104874	US	Hosted and managed security service for non-technical people using network behavior techniques	08.12.2010
811849	ALU	13/469503	US8971199	US	Apparatus And Method For Selecting Service Quality Metrics For Managed Services Quality Assurance	11.05.2012
Dinu 7-16-74-9-15 (M)	ALU	06769881.1	EP1882332	FR	Quantum Key Distribution	25.04.2006
Dinu 7-16-74-9-15 (M)	ALU	06769881.1	EP1882332	DE	Quantum Key Distribution	25.04.2006
Dinu 7-16-74-9-15 (M)	ALU	06769881.1	EP1882332	GB	Quantum Key Distribution	25.04.2006
807262	ALU	101119964	TWI481288	TW	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	04.06.2012
805667	ALU	201080057616.2	ZL201080057616.2	CN	OTN Tandem Connection Alarm Localization enhancement	17.12.2010
805667	ALU	2012543779	JP5581397	JP	OTN Tandem Connection Alarm Localization enhancement	17.12.2010
805667	ALU	10-2012-7018539	KR10-1397411	KR	OTN Tandem Connection Alarm Localization enhancement	17.12.2010
805928	ALU	20127023513	KR101557185	KR	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	09.02.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805928	ALU	13/509459	US9300422	US	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	09.02.2011
Cristallo 3-19 (G)	ALU	08291032.4	EP2184894	FR	Distributed Resource Management In Networks	05.11.2008
Cristallo 3-19 (G)	ALU	08291032.4	EP2184894	DE	Distributed Resource Management In Networks	05.11.2008
Cristallo 3-19 (G)	ALU	08291032.4	EP2184894	GB	Distributed Resource Management In Networks	05.11.2008
806084	ALU	09360052.6	EP2330850	FR	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	07.12.2009
806084	ALU	09360052.6	EP2330850	DE	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	07.12.2009
806084	ALU	09360052.6	EP2330850	GB	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	07.12.2009
805087	ALU	201080052731.0	ZL201080052731.0	CN	Local Network Access For UE's In Coverage Of Home NodeBs	22.10.2010
805087	ALU	4367/CHENP/2012		IN	Local Network Access For UE's In Coverage Of Home NodeBs	22.10.2010
805087	ALU	2012539212	JP5536895	JP	Local Network Access For UE's In Coverage Of Home NodeBs	22.10.2010
805087	ALU	20127015707	KR101455127	KR	Local Network Access For UE's In Coverage Of Home NodeBs	22.10.2010
805087	ALU	13/510355		US	Local Network Access For UE's In Coverage Of Home NodeBs	22.10.2010
805896	ALU	10305021.7	EP2343833	FR	Digitally Controlled Adaptive Hybrid Balance Impedance	08.01.2010
805896	ALU	10305021.7	EP2343833	DE	Digitally Controlled Adaptive Hybrid Balance Impedance	08.01.2010
805896	ALU	10305021.7	EP2343833	GB	Digitally Controlled Adaptive Hybrid Balance Impedance	08.01.2010
811520	ALU	13/629731	US8842540	US	Active Queue Management Enhancements For Variable Bottleneck Rates	28.09.2012
Bosch 29-1 (P)	ALU	2012123696	RU2493678	RU	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
811458	ALU	13/837531	US9571381	US	Inter-Domain RSVP-TE LSP Load Balancing	15.03.2013
811821	ALU	12290270.3		EP	Novel Adaptive Broadband Impedance Transformer Circuit For Doherty Amplifiers	10.08.2012
805839	ALU	11733204.9		EP	High Speed Nested Mach-Zehnder Modulator With Asymmetric Carrier Dynamics	05.01.2011
806254	ALU	201180007699.9	ZL201180007699.9	CN	Method And Apparatus For Tracing Mobile Sessions	21.01.2011
806400	ALU	201180016318.3.	ZL201180016318.3	CN	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	08.03.2011
806400	ALU	7634/DELNP/2012		IN	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	08.03.2011
806400	ALU	2013-501714	JP5538617	JP	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	08.03.2011
806400	ALU	2012-7027882	KR101333871	KR	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	08.03.2011
806400	ALU	13/582164	US9303525	US	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	08.03.2011
Zarrabizadeh 22 (MH)	ALU	2012128629	JP5665799	JP	Watermarking Scheme For Digital Video	29.09.2004
812191	ALU	13/717982	US9166903	US	Method To Determine The ASBR For Inter-AS Multicast VPN	18.12.2012
806659	ALU	201180010883.9	ZL201180010883.9	CN	Method And Apparatus For Screening Request To Establish SIP Session	26.01.2011
806659	ALU	11703087.4		EP	Method And Apparatus For Screening Request To Establish SIP Session	26.01.2011
806659	ALU	2012555011	JP5512832	JP	Method And Apparatus For Screening Request To Establish SIP Session	26.01.2011
806659	ALU	20127022307	KR101412235	KR	Method And Apparatus For Screening Request To Establish SIP Session	26.01.2011
806330	ALU	10305275.9	EP2369781	FR	ADSL2x Low Power Mode with Guaranteed QOS (delay)	19.03.2010
806330	ALU	10305275.9	EP2369781	DE	ADSL2x Low Power Mode with Guaranteed QOS (delay)	19.03.2010
806330	ALU	10305275.9	EP2369781	GB	ADSL2x Low Power Mode with Guaranteed QOS (delay)	19.03.2010
137620	ALU	03300260.1	EP1432187	FR	H.248 Bulk Configuration Provisioning	11.12.2003
137620	ALU	03300260.1	EP1432187	DE	H.248 Bulk Configuration Provisioning	11.12.2003
137620	ALU	03300260.1	EP1432187	GB	H.248 Bulk Configuration Provisioning	11.12.2003
Bijwaard 7-17-5 (DJ)	ALU	13/534291	US8767733	US	Method And Apparatus For Establishing Multicast Groups	27.06.2012
806631	ALU	10305432.6	EP2381622	FR	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	23.04.2010
806631	ALU	10305432.6	EP2381622	DE	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	23.04.2010
806631	ALU	10305432.6	EP2381622	GB	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	23.04.2010
812206	ALU	13/596363	US9338119	US	Direct Electronic Mail	28.08.2012
812103	ALU	13/563381	US9178806	US	High-Speed Content Routing	31.07.2012

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
812178	ALU	13/528802	US9537663	US	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	20.06.2012
811896	ALU	12290304.0		EP	Amplifier Efficiency Enhancement By Conditioning Signals To The Conduction Of Transistors	19.09.2012
811950	ALU	13/799009	US9042369	US	System And Method Implementing FEC Route Reflector	13.03.2013
811894	ALU	13305187.0		EP	Extended DNS Query	20.02.2013
811785	ALU	12185082.0		EP	One-Way/Two-Way Mode Switching (OTS)	19.09.2012
811863	ALU	13/630157	US8938579	US	Method And System For Using Range Bitmaps In TCAM Access	28.09.2012
812233	ALU	12305740.8		EP	Integrated Detection And Classification For Weakly Supervised Object Detection	26.06.2012
102802	ALU	01300114.4	EP1143643	FR	Improved transission spectral efficiency of optical DWDM channels.	08.01.2001
102802	ALU	01300114.4	EP1143643	DE	Improved transission spectral efficiency of optical DWDM channels.	08.01.2001
102802	ALU	01300114.4	EP1143643	GB	Improved transission spectral efficiency of optical DWDM channels.	08.01.2001
810841	ALU	13/686838		US	Methods And System For Providing Fairness And Stability TO Video Streams	27.11.2012
801079	ALU	07290401.4	EP1978668	FR	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	02.04.2007
801079	ALU	07290401.4	EP1978668	DE	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	02.04.2007
801079	ALU	07290401.4	EP1978668	GB	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	02.04.2007
812275	ALU	13/604756	US9712854	US	Cost-Aware Cloud-Based Content Delivery	06.09.2012
811974	ALU	12306595.5	EP2744292	EP	Green Comb for WiFi	17.12.2012
811924	ALU	12290321.4		EP	Dynamic Physical Energy Transportation	28.09.2012
810748	ALU	2244/DEL/2012		IN	Opportunistic Scheduling Of Multimedia File Downloads To Avoid Congestion And To Leverage Different Network Accesses	19.07.2012
812152	ALU	12306184.8		EP	variable packet size adaptation for DCF free POADM ring network	28.09.2012
812120	ALU	13305398.3	EP2784951	EP	ASE-based Loading channel for stream of optical packets	28.03.2013
811755	ALU	12306171.5		EP	Optimized Network Solution For E-LAN/E-Tree Services Over MRPS	27.09.2012
812096	ALU	12360065.2		EP	Macro Antenna Feeder Network - Optimal Design, Architecture And Instantiation	14.08.2012
801079	ALU	2012140442		JP	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	26.06.2012
807035	ALU	10290525.4	EP2437393	FR	Power Control for Reed Resonator based Spectral RF Power Amplifer	01.10.2010
807035	ALU	10290525.4	EP2437393	DE	Power Control for Reed Resonator based Spectral RF Power Amplifer	01.10.2010
807035	ALU	10290525.4	EP2437393	GB	Power Control for Reed Resonator based Spectral RF Power Amplifer	01.10.2010
812319	ALU	13/553751	US8949440	US	System And Method For Adaptive Rate Determination In Mobile Video Streaming	19.07.2012
806165	ALU	201180016084.2	ZL201180016084.2	CN	Transform Virtual Objects into Physical Objects	08.03.2011
806165	ALU	2013-500416	JP5591394	JP	Transform Virtual Objects into Physical Objects	08.03.2011
806165	ALU	2012-7027811	KR10-1494064	KR	Transform Virtual Objects into Physical Objects	08.03.2011
806165	ALU	13/637452		US	Transform Virtual Objects into Physical Objects	08.03.2011
806261	ALU	201180016091.2	ZL201180016091.2	CN	System and Method for Transforming Web from 2D into 3D	08.03.2011
806261	ALU	2013-500415	JP5728567	JP	System and Method for Transforming Web from 2D into 3D	08.03.2011
131326	ALU	07008293.8	EP1850423	GB	GIG-Array Connectors unhooking device	24.04.2007
812362	ALU	13/645037	US8892062	US	Closed-Loop Efficiency Modulation For Use In Network Powered Applications	04.10.2012
806935	ALU	201180009943.5	ZL201180009943.5	CN	Method And System For Common Group Action Filtering In Telecom Network Environments	07.02.2011
806935	ALU	2012553419	JP5760012	JP	Method And System For Common Group Action Filtering In Telecom Network Environments	07.02.2011
806935	ALU	20127021639	KR101395502	KR	Method And System For Common Group Action Filtering In Telecom Network Environments	07.02.2011
806876	ALU	201180008559.3	ZL201180008559.3	CN	Source Based Queue Selection Mechanism In The Routing Environment	07.02.2011
806876	ALU	2012554442	JP5468146	JP	Source Based Queue Selection Mechanism In The Routing Environment	07.02.2011
806876	ALU	20127021983	KR101445466	KR	Source Based Queue Selection Mechanism In The Routing Environment	07.02.2011
802873	ALU	09290295.6	EP2244391	FR	basestation with several transmitters & antennas	20.04.2009
802873	ALU	09290295.6	EP2244391	DE	basestation with several transmitters & antennas	20.04.2009
802873	ALU	09290295.6	EP2244391	GB	basestation with several transmitters & antennas	20.04.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
806130	ALU	201180009667.2	CN102783213	CN	Handover mechanism for high-speed line-of-sight scenario and corresponding system concept	25.01.2011
806130	ALU	10-2012-7024093	KR101429031	KR	Handover mechanism for high-speed line-of-sight scenario and corresponding system concept	25.01.2011
806130	ALU	13/578869	US9386499	US	Handover mechanism for high-speed line-of-sight scenario and corresponding system concept	25.01.2011
809481	ALU	20137028244	KR101468833	KR	Hierarchical Profiled Scheduling And Shaping	18.04.2012
800790	ALU	07290038.4	EP1944902	FR	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	10.01.2007
800790	ALU	07290038.4	EP1944902	DE	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	10.01.2007
800790	ALU	07290038.4	EP1944902	GB	FLEXIBLE REMOTE IMPULSE NOISE MONITORING	10.01.2007
805645	ALU	09179319.0	EP2337255	FR	Fusible Single Use Optical Beam Shutter	15.12.2009
805645	ALU	09179319.0	EP2337255	DE	Fusible Single Use Optical Beam Shutter	15.12.2009
805645	ALU	09179319.0	EP2337255	GB	Fusible Single Use Optical Beam Shutter	15.12.2009
812261	ALU	12306333.1		EP	Homogeneous networks (Hom-Nets)	26.10.2012
806832	ALU	10609/DELNP/2012		IN	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	21.06.2011
806832	ALU	2013-517163	JP5466340	JP	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	21.06.2011
806832	ALU	PI 2012005607		MY	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	21.06.2011
806832	ALU	201209567-5	SG186467	SG	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	21.06.2011
806832	ALU	2013-7002380	KR101437796	KR	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	21.06.2011
806832	ALU	13/702372	US8947177	US	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	21.06.2011
Dominique 19-15-9 (F)	ALU	06752265.6	EP1886417	FR	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	05.05.2006
Dominique 19-15-9 (F)	ALU	06752265.6	EP1886417	DE	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	05.05.2006
Dominique 19-15-9 (F)	ALU	06752265.6	EP1886417	GB	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	05.05.2006
812430	ALU	13/597905	US8811179	US	Method And Apparatus For Controlling Packet Flow In A Packet-Switched Network	29.08.2012
802657	ALU	08290540.7	EP2134008	FR	Analog half rate equalizer for Apol modulation formats	11.06.2008
802657	ALU	08290540.7	EP2134008	DE	Analog half rate equalizer for Apol modulation formats	11.06.2008
802657	ALU	08290540.7	EP2134008	GB	Analog half rate equalizer for Apol modulation formats	11.06.2008
810355	ALU	101128255	TWI487389	TW	Incast-avoidance Scheme For Data Center Networks	06.08.2012
805488	ALU	09306269.3	EP2337272	GB	Micro-Loop/Cycle Mitigation Scheme in Link-State Routing	18.12.2009
Bu 3-4-33 (T)	ALU	20127019442	KR101259775	KR	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	27.09.2007
805814	ALU	10290355.6	EP2403194	FR	Virtual Frame Switching	30.06.2010
805814	ALU	10290355.6	EP2403194	DE	Virtual Frame Switching	30.06.2010
805814	ALU	10290355.6	EP2403194	GB	Virtual Frame Switching	30.06.2010
806569	ALU	201180012494.X	ZL201180012494.X	CN	Feature For Secure Session Initiation With Hosts Behind Firewalls	02.03.2011
806569	ALU	2012556194	JP5524361	JP	Feature For Secure Session Initiation With Hosts Behind Firewalls	02.03.2011
806569	ALU	20127023107	KR101406556	KR	Feature For Secure Session Initiation With Hosts Behind Firewalls	02.03.2011
807124	ALU	11711197.1		EP	Method And Apparatus For Provisioning, Monitoring, Managing And Correlating Secure IPSEC Service Infrastructure To Underlying Transport Layer Elements And Related Business Models	16.03.2011
807124	ALU	2013500180	JP5707481	JP	Method And Apparatus For Provisioning, Monitoring, Managing And Correlating Secure IPSEC Service Infrastructure To Underlying Transport Layer Elements And Related Business Models	16.03.2011
807124	ALU	20127024140	KR101445468	KR	Method And Apparatus For Provisioning, Monitoring, Managing And Correlating Secure IPSEC Service Infrastructure To Underlying Transport Layer Elements And Related Business Models	16.03.2011
806814	ALU	11708632.2		EP	Hierarchical Resource Management in Network Management System	02.03.2011
806814	ALU	7851/CHENP/2012		IN	Hierarchical Resource Management in Network Management System	02.03.2011
806814	ALU	2013500065	JP5571239	JP	Hierarchical Resource Management in Network Management System	02.03.2011
806814	ALU	20127024031	KR101545910	KR	Hierarchical Resource Management in Network Management System	02.03.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807116	ALU	201180014224.2	ZL201180014224.2	CN	Borrower Prioritization And Pre-emption Process In Hierarchical Resource Management	02.03.2011
807116	ALU	11709242.9		EP	Borrower Prioritization And Pre-emption Process In Hierarchical Resource Management	02.03.2011
807116	ALU	7785/CHENP/2012		IN	Borrower Prioritization And Pre-emption Process In Hierarchical Resource Management	02.03.2011
807116	ALU	2013500064	JP5463437	JP	Borrower Prioritization And Pre-emption Process In Hierarchical Resource Management	02.03.2011
807116	ALU	20127024037	KR101483835	KR	Borrower Prioritization And Pre-emption Process In Hierarchical Resource Management	02.03.2011
114996	ALU	06291215.9	EP1883258	FR	Cooperative Spectrum Sharing (cooperation with Uni Kassel)	25.07.2006
114996	ALU	06291215.9	EP1883258	DE	Cooperative Spectrum Sharing (cooperation with Uni Kassel)	25.07.2006
114996	ALU	06291215.9	EP1883258	GB	Cooperative Spectrum Sharing (cooperation with Uni Kassel)	25.07.2006
805984	ALU	10195441.0	EP2346194	FR	Versatile WDM system to improve efficiency of optical networks	16.12.2010
805984	ALU	10195441.0	EP2346194	DE	Versatile WDM system to improve efficiency of optical networks	16.12.2010
805984	ALU	10195441.0	EP2346194	GB	Versatile WDM system to improve efficiency of optical networks	16.12.2010
806543	ALU	201180014424.8	ZL2011800144248	CN	Dynamic Narrow Optical TX Filtering For Ultra High Density Optical Network	24.02.2011
806543	ALU	11705562.4	EP2548321	EP	Dynamic Narrow Optical TX Filtering For Ultra High Density Optical Network	24.02.2011
806543	ALU	20127026236	KR101449977	KR	Dynamic Narrow Optical TX Filtering For Ultra High Density Optical Network	24.02.2011
806543	ALU	13/580269	US8849118	US	Dynamic Narrow Optical TX Filtering For Ultra High Density Optical Network	24.02.2011
803690	ALU	09290239.4	EP2237503	FR	Application Recognition Based On Mutualized DPI	31.03.2009
803690	ALU	09290239.4	EP2237503	DE	Application Recognition Based On Mutualized DPI	31.03.2009
803690	ALU	09290239.4	EP2237503	GB	Application Recognition Based On Mutualized DPI	31.03.2009
812121	ALU	12290372.7		EP	SDN Enabling Cloud Elasticity	29.10.2012
804313	ALU	02732282.5	EP1430632	FR	Topology Discovery in Optical WDM Networks	04.06.2002
804313	ALU	02732282.5	EP1430632	DE	Topology Discovery in Optical WDM Networks	04.06.2002
804313	ALU	02732282.5	EP1430632	IT	Topology Discovery in Optical WDM Networks	04.06.2002
804313	ALU	02732282.5	EP1430632	GB	Topology Discovery in Optical WDM Networks	04.06.2002
812375	ALU	12290419.6		EP	A Virtual Accounting Grid For E-Mobility Consumers	29.11.2012
804718	ALU	09290523.1	EP2273701	FR	Optimized optical packet coherent detection with time-shifted parameter convergence	30.06.2009
804718	ALU	09290523.1	EP2273701	DE	Optimized optical packet coherent detection with time-shifted parameter convergence	30.06.2009
804718	ALU	09290523.1	EP2273701	GB	Optimized optical packet coherent detection with time-shifted parameter convergence	30.06.2009
807076	ALU	201180024598.2	ZL201180024598.2	CN	Self-test of Vectoring Functionalities	10.05.2011
807076	ALU	10-2012-7032724	KR101411967	KR	Self-test of Vectoring Functionalities	10.05.2011
807076	ALU	13/695750	US9270332	US	Self-test of Vectoring Functionalities	10.05.2011
805367	ALU	201180017212.5	ZL201180017212.5	CN	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
805367	ALU	2013501705	JP5774676	JP	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
806820	ALU	11708483.0		EP	Non-coherent OTDR using Golay sequences in Multi-channel environment	17.03.2011
806820	ALU	2013501736	JP5731631	JP	Non-coherent OTDR using Golay sequences in Multi-channel environment	17.03.2011
806820	ALU	20127025394	KR101470299	KR	Non-coherent OTDR using Golay sequences in Multi-channel environment	17.03.2011
807027	ALU	201180016111.6	ZL2011800161116	CN	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807027	ALU	2013501768	JP5553933	JP	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807027	ALU	20127025393	KR101418271	KR	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807027	ALU	13/580451	US9001658	US	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807129	ALU	11745609.5		EP	Method And Apparatus For Rapid Switchover From Primary To Standby Multicast Trees	11.07.2011
807129	ALU	2013521803	JP5760083	JP	Method And Apparatus For Rapid Switchover From Primary To Standby Multicast Trees	11.07.2011
806669	ALU	2013510470	JP5536280	JP	A Mechanism To Identify Application Protocol Based On Centroid Keyword Vector	19.05.2010
806669	ALU	13/696431	US9031959	US	A Mechanism To Identify Application Protocol Based On Centroid Keyword Vector	19.05.2010
806669	ALU	1020127030076	KR101409563	KR	A Mechanism To Identify Application Protocol Based On Centroid Keyword Vector	19.05.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bosch 29-1 (P)	ALU	2012179992	JP5363629	JP	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
803459	ALU	08425466.3	EP2141861	FR	Methods to improve next generation networks using a Network Process Balancer (NPB)	04.07.2008
803459	ALU	08425466.3	EP2141861	DE	Methods to improve next generation networks using a Network Process Balancer (NPB)	04.07.2008
803459	ALU	08425466.3	EP2141861	GB	Methods to improve next generation networks using a Network Process Balancer (NPB)	04.07.2008
812223	ALU	12306012.1		EP	Reverse Hold-Over Detection	21.08.2012
810216	ALU	101133992	TWI484779	TW	Cell-Free Large-Scale Antenna System	17.09.2012
806074	ALU	20127028366	KR101443997	KR	Athermal Optical Filters In Silicon-On-Insulator Waveguides	18.03.2011
806074	ALU	13/637830	US8938137	US	Athermal Optical Filters In Silicon-On-Insulator Waveguides	18.03.2011
137984	ALU	06300981.5	EP1768351	FR	Equalized Network Latency For Multi-Player Gaming	26.09.2006
137984	ALU	06300981.5	EP1768351	DE	Equalized Network Latency For Multi-Player Gaming	26.09.2006
137984	ALU	06300981.5	EP1768351	GB	Equalized Network Latency For Multi-Player Gaming	26.09.2006
805355	ALU	09290787.2	EP2312775	FR	HArdware Time Synchronization (HATS)	15.10.2009
805355	ALU	09290787.2	EP2312775	DE	HArdware Time Synchronization (HATS)	15.10.2009
805355	ALU	09290787.2	EP2312775	GB	HArdware Time Synchronization (HATS)	15.10.2009
812360	ALU	13150312.0		EP	Media controller ensuring consistent renderer based on a media composition model	04.01.2013
812162	ALU	12191347.9		EP	Co-operative Video Streaming Display	06.11.2012
812511	ALU	12306498.2		EP	Dynamic Meta multimedia analyser based on Social interaction Analysis	30.11.2012
812529	ALU	12306495.8		EP	HAS Client Procedure To Learn The Network Behaviour	30.11.2012
805461	ALU	10305001.9	EP2341649	FR	Stability Enhancement Of Timestamp Protocols Performance: System Implementation And Protocol Description (SET)	04.01.2010
805461	ALU	10305001.9	EP2341649	DE	Stability Enhancement Of Timestamp Protocols Performance: System Implementation And Protocol Description (SET)	04.01.2010
805461	ALU	10305001.9	EP2341649	GB	Stability Enhancement Of Timestamp Protocols Performance: System Implementation And Protocol Description (SET)	04.01.2010
804739	ALU	09290631.2	EP2288206	FR	Identifying Cell Spots	18.08.2009
804739	ALU	09290631.2	EP2288206	DE	Identifying Cell Spots	18.08.2009
804739	ALU	09290631.2	EP2288206	GB	Identifying Cell Spots	18.08.2009
807076	ALU	10305527.3	EP2388983	FR	Self-test of Vectoring Functionalities	18.05.2010
807076	ALU	10305527.3	EP2388983	DE	Self-test of Vectoring Functionalities	18.05.2010
807076	ALU	10305527.3	EP2388983	GB	Self-test of Vectoring Functionalities	18.05.2010
804206	ALU	09305082.1	EP2214390	FR	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	30.01.2009
804206	ALU	09305082.1	EP2214390	DE	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	30.01.2009
804206	ALU	09305082.1	EP2214390	GB	LOCALISATION OF XDSL WIRING ISSUES BY SYNCHRONEOUS LISTENING AT XTU'S	30.01.2009
802414	ALU	08290550.6	EP2134058	FR	Multi-Layer and Multi Feedback Border Node Protection System	12.06.2008
802414	ALU	08290550.6	EP2134058	DE	Multi-Layer and Multi Feedback Border Node Protection System	12.06.2008
802414	ALU	08290550.6	EP2134058	GB	Multi-Layer and Multi Feedback Border Node Protection System	12.06.2008
812688	ALU	12306228.3	EP2720424	EP	Apparatus, Method and Computer Program Operable to Determine Estimates	09.10.2012
805850	ALU	201180024592.5	ZL201180024592.5	CN	Multi-Band High-Efficiency Doherty Amplifer	17.05.2011
805850	ALU	11746310.9		EP	Multi-Band High-Efficiency Doherty Amplifer	17.05.2011
805850	ALU	2013510693	JP5687760	JP	Multi-Band High-Efficiency Doherty Amplifer	17.05.2011
805850	ALU	9603/CHENP/2012		IN	Multi-Band High-Efficiency Doherty Amplifer	17.05.2011
805850	ALU	20127032624	KR101487728	KR	Multi-Band High-Efficiency Doherty Amplifer	17.05.2011
807367	ALU	11730744.7		EP	Event Based Social Networking Application	02.05.2011
807367	ALU	2013508573	JP5616524	JP	Event Based Social Networking Application	02.05.2011
807367	ALU	20127028707	KR101428353	KR	Event Based Social Networking Application	02.05.2011
803750	ALU	10150462.9	EP2207286	FR	Synchronous Status Message Tunneling (SSM-T)	11.01.2010
803750	ALU	10150462.9	EP2207286	DE	Synchronous Status Message Tunneling (SSM-T)	11.01.2010
803750	ALU	10150462.9	EP2207286	GB	Synchronous Status Message Tunneling (SSM-T)	11.01.2010
806776	ALU	201180031900.7	ZL201180031900.7	CN	Ringing Phase Echo Cancealment	23.05.2011
806776	ALU	2013517122	JP5509387	JP	Ringing Phase Echo Cancealment	23.05.2011
806776	ALU	20137000114	KR101442995	KR	Ringing Phase Echo Cancealment	23.05.2011
806776	ALU	13/700465	US8737601	US	Ringing Phase Echo Cancealment	23.05.2011
Cai 86-5-12-10-2 (Y)	ALU	13/614244	US8929256	US	Third Party Charging For SIP Sessions	13.09.2012
804518	ALU	10175615.3	EP2293521	FR	Determination of a user's place from an enterprise application	07.09.2010
804518	ALU	10175615.3	EP2293521	DE	Determination of a user's place from an enterprise application	07.09.2010
804518	ALU	10175615.3	EP2293521	GB	Determination of a user's place from an enterprise application	07.09.2010
804183	ALU	09305402.1	EP2249525	FR	Stitching of Labels for Inter-Carrier service Enforcement (SLICE)	06.05.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804688	ALU	10157684.1	EP2369792	FR	GASP- Genetic programming Algorithm to Settle inter-carrier Paths under adaptiveness constraints	25.03.2010
804688	ALU	10157684.1	EP2369792	DE	GASP- Genetic programming Algorithm to Settle inter-carrier Paths under adaptiveness constraints	25.03.2010
804688	ALU	10157684.1	EP2369792	GB	GASP- Genetic programming Algorithm to Settle inter-carrier Paths under adaptiveness constraints	25.03.2010
806631	ALU	2013505415	JP5548305	JP	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	14.04.2011
806631	ALU	10-2012-7030438	KR10-1413506	KR	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	14.04.2011
806631	ALU	13/637887	US9203725	US	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	14.04.2011
807194	ALU	2013531655	JP5643433	JP	Method And Apparatus For Protocol Event Management	21.09.2011
805661	ALU	09306267.7	EP2337281	DE	Extended metric links	18.12.2009
805661	ALU	09306267.7	EP2337281	GB	Extended metric links	18.12.2009
812819	ALU	13/648628	US9712402	US	Method For Deploying Geographically-Distributed Applications Within A Distributed Cloud	10.10.2012
803112	ALU	08290804.7	EP2159974	FR	DANTE - Distributed Ant algorithm for end-to-end quality of service Negotiation and Traffic Engineering	27.08.2008
812433	ALU	13/729619	US8943331	US	Efficient Setup For Privacy-Preserving Database System	28.12.2012
812037	ALU	12306599.7	EP2744198	EP	Performance enhancement of video surveillance systems using mobile devices	17.12.2012
812114	ALU	12306695.3		EP	Packet reflective optical Selector & Detector	28.12.2012
812401	ALU	13305073.2		EP	Low Cost Optical Filter For TWDM Downstream Integrated In A BOSA	21.01.2013
812714	ALU	13306232.3		EP	Integrated Reflective Electro-Absorption Modulated Laser optical source	09.09.2013
812212	ALU	13305920.4		EP	A Method and a Tool for Dynamic Filters Generation for Classified Ads	28.06.2013
812879	ALU	12306491.7	EP2739024	EP	Seamless communication application shift	30.11.2012
812132	ALU	13/864608		US	Per User Schedule Based Prioritized Email Delivery	17.04.2013
812581	ALU	13290032.5		EP	Semantic recommendation system of relevant social topics for a dedicated multimedia content	18.02.2013
812679	ALU	12290396.6		EP	Feed-Forward Filter With Broad Transmission Zero	16.11.2012
105462	ALU	05300379.4	EP1635507	FR	ADAPTIVE DIAGNOSIS SYSTEM FOR IP SERVICES	17.05.2005
105462	ALU	05300379.4	EP1635507	DE	ADAPTIVE DIAGNOSIS SYSTEM FOR IP SERVICES	17.05.2005
105462	ALU	05300379.4	EP1635507	GB	ADAPTIVE DIAGNOSIS SYSTEM FOR IP SERVICES	17.05.2005
806480	ALU	10305466.4	EP2383899	FR	Number of Disturbers Estimation	30.04.2010
806480	ALU	10305466.4	EP2383899	DE	Number of Disturbers Estimation	30.04.2010
806480	ALU	10305466.4	EP2383899	GB	Number of Disturbers Estimation	30.04.2010
806614	ALU	201180020120.2	ZL201180020120.2	CN	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	18.04.2011
806614	ALU	11714576.3		EP	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	18.04.2011
806614	ALU	8863/CHENP/2012		IN	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	18.04.2011
806614	ALU	2013505437	JP5774090	JP	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	18.04.2011
806614	ALU	20127028974	KR101505821	KR	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	18.04.2011
806614	ALU	13/641789	US8928414	US	Single stage, Low Noise Figure, voltage variable gain amplifier with constant input linearity.	18.04.2011
807165	ALU	201180027568.7	ZL201180027568.7	CN	QoS-Aware Rate Throttling For Energy Efficient Delay Tolerant Data Transfer	01.06.2011
807165	ALU	2013513293	JP5596225	JP	QoS-Aware Rate Throttling For Energy Efficient Delay Tolerant Data Transfer	01.06.2011
807165	ALU	20127031657	KR101371804	KR	QoS-Aware Rate Throttling For Energy Efficient Delay Tolerant Data Transfer	01.06.2011
806412	ALU	11716733.8		EP	Methods Of Determining Coverage Areas	13.04.2011
806412	ALU	9651/CHENP/2012		IN	Methods Of Determining Coverage Areas	13.04.2011
806412	ALU	2013511163	JP5709983	JP	Methods Of Determining Coverage Areas	13.04.2011
806412	ALU	20127032880	KR101487223	KR	Methods Of Determining Coverage Areas	13.04.2011
807034	ALU	10305938.2	EP2426858	FR	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	01.09.2010
807034	ALU	10305938.2	EP2426858	DE	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	01.09.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807034	ALU	10305938.2	EP2426858	GB	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	01.09.2010
806115	ALU	09306252.9	EP2337275	FR	Automatic adjacency creation with Pseudo-Nodes on point-to-point links	17.12.2009
806115	ALU	09306252.9	EP2337275	DE	Automatic adjacency creation with Pseudo-Nodes on point-to-point links	17.12.2009
806115	ALU	09306252.9	EP2337275	GB	Automatic adjacency creation with Pseudo-Nodes on point-to-point links	17.12.2009
Akyamac 1-6-37 (AA)	ALU	09731798.6	EP2291958	FR	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 1-6-37 (AA)	ALU	09731798.6	EP2291958	DE	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 1-6-37 (AA)	ALU	09731798.6	EP2291958	GB	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
806507	ALU	201180022429.5	ZL201180022429.5	CN	On The Fly Data Sharing Conference based on email diffusion	16.03.2011
806507	ALU	11714358.6		EP	On The Fly Data Sharing Conference based on email diffusion	16.03.2011
806507	ALU	9175/DELNP/2012		IN	On The Fly Data Sharing Conference based on email diffusion	16.03.2011
806507	ALU	2013508537	JP5579926	JP	On The Fly Data Sharing Conference based on email diffusion	16.03.2011
806507	ALU	20127031592	KR1404437	KR	On The Fly Data Sharing Conference based on email diffusion	16.03.2011
807141	ALU	201180043249.5	ZL201180043249.5	CN	PTP-Network InterWorking Function (PN-IWF)	29.06.2011
807141	ALU	13/810271	US9209921	US	PTP-Network InterWorking Function (PN-IWF)	29.06.2011
120239	ALU	13/022408	US8638798	US	ATM header reduction technique	07.02.2011
812770	ALU	12360075.1		EP	Amplifier Architecture For Ultra-Wide, Multi-Band Applications	05.11.2012
805534	ALU	09290920.9	EP2333993	FR	Automatic Management of Precision Time Protocol IEEE 1588V2 : implementation and protocol description (AMP)	09.12.2009
805534	ALU	09290920.9	EP2333993	DE	Automatic Management of Precision Time Protocol IEEE 1588V2 : implementation and protocol description (AMP)	09.12.2009
805534	ALU	09290920.9	EP2333993	GB	Automatic Management of Precision Time Protocol IEEE 1588V2 : implementation and protocol description (AMP)	09.12.2009
812998	ALU	12290388.3		EP	Self Optimizing Parking Lot	13.11.2012
808196	ALU	201180043943.7	ZL201180043943.7	CN	Speech Enabled Virtual Assistant	09.09.2011
808196	ALU	2013528618	JP5681800	JP	Speech Enabled Virtual Assistant	09.09.2011
807058	ALU	201180046763.4		CN	System And Method For Controllably Viewing Digital Video Streams Captured By Surveillance Cameras	15.09.2011
807058	ALU	2013531629	JP5651786	JP	System And Method For Controllably Viewing Digital Video Streams Captured By Surveillance Cameras	15.09.2011
807058	ALU	20137007838	KR101526081	KR	System And Method For Controllably Viewing Digital Video Streams Captured By Surveillance Cameras	15.09.2011
150278	ALU	13/666596	US8976788	US	Improved Assert In PIM-SM	01.11.2012
812882	ALU	13290003.6		EP	Distributed Control Of The Energy Network	08.01.2013
806870	ALU	10305770.9	EP2408160	FR	Class-O with Improved Envelope Tracking	12.07.2010
806870	ALU	10305770.9	EP2408160	DE	Class-O with Improved Envelope Tracking	12.07.2010
806870	ALU	10305770.9	EP2408160	GB	Class-O with Improved Envelope Tracking	12.07.2010
806919	ALU	201180036031.7	ZL201180036031.7	CN	Ethernet Synchronization Messaging Channel Tunnelling (ESMC-T)	30.06.2011
806919	ALU	11729611.1		EP	Ethernet Synchronization Messaging Channel Tunnelling (ESMC-T)	30.06.2011
806919	ALU	2013517297	JP5466791	JP	Ethernet Synchronization Messaging Channel Tunnelling (ESMC-T)	30.06.2011
806919	ALU	20137002336	KR101550510	KR	Ethernet Synchronization Messaging Channel Tunnelling (ESMC-T)	30.06.2011
812555	ALU	12382486.4		EP	Out Of Path Transparent Caching	07.12.2012
Bu 1-2-28 (T)	ALU	05250060.0	EP1557984	FR	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	07.01.2005
Bu 1-2-28 (T)	ALU	05250060.0	EP1557984	DE	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	07.01.2005
Bu 1-2-28 (T)	ALU	05250060.0	EP1557984	GB	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	07.01.2005
114997	ALU	2012236821	JP5620960	JP	Transmission line made of plastic foil laminated with a metal layer	11.01.2007
800777	ALU	07805020.0	EP2165399	FR	Halteteil zur Stapelung von Schellen zur Befestigung einer Vielzahl parallel verlaufender strangförmiger Gegenstände	03.07.2007
800777	ALU	07805020.0	EP2165399	DE	Halteteil zur Stapelung von Schellen zur Befestigung einer Vielzahl parallel verlaufender strangförmiger Gegenstände	03.07.2007
800777	ALU	07805020.0	EP2165399	GB	Halteteil zur Stapelung von Schellen zur Befestigung einer Vielzahl parallel verlaufender strangförmiger Gegenstände	03.07.2007
807672	ALU	10305979.6	EP2429114	FR	Method for Efficient Implementation of Phantom Mode	13.09.2010
807672	ALU	10305979.6	EP2429114	DE	Method for Efficient Implementation of Phantom Mode	13.09.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807672	ALU	10305979.6	EP2429114	GB	Method for Efficient Implementation of Phantom Mode	13.09.2010
806478	ALU	201180032721.5	ZL2011800327215	CN	Automatic adaptation of antenna tilt angle in mobile radio networks	20.05.2011
806478	ALU	833/CHENP/2013		IN	Automatic adaptation of antenna tilt angle in mobile radio networks	20.05.2011
806478	ALU	2013518999		JP	Automatic adaptation of antenna tilt angle in mobile radio networks	20.05.2011
806482	ALU	10305465.6	EP2383898	FR	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	30.04.2010
806482	ALU	10305465.6	EP2383898	DE	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	30.04.2010
806482	ALU	10305465.6	EP2383898	GB	Virtual Binder Identification Based on Trend Analysis of Multiple Lines	30.04.2010
812778	ALU	13/746119		US	CTL Plane Encryption In IP/MPLS Networks	21.01.2013
812779	ALU	13/748244	US9106618	US	Control Plane Encryption In IP/MPLS Networks	23.01.2013
803524	ALU	09787216.2	EP2342887	FR	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
803524	ALU	09787216.2	EP2342887	DE	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
803524	ALU	09787216.2	EP2342887	GB	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	20.08.2009
802741	ALU	09714027.1	EP2263363	FR	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
802741	ALU	09714027.1	EP2263363	DE	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
802741	ALU	09714027.1	EP2263363	GB	Compressed IP Flow Recognition For In-Line, Integrated Mobile DPI	17.02.2009
105031	ALU	03292683.4	EP1418733	FR	ASSIGNING A VLAN IDENTIFIER TO AN IP PHONE	28.10.2003
105031	ALU	03292683.4	EP1418733	DE	ASSIGNING A VLAN IDENTIFIER TO AN IP PHONE	28.10.2003
105031	ALU	03292683.4	EP1418733	GB	ASSIGNING A VLAN IDENTIFIER TO AN IP PHONE	28.10.2003
807363	ALU	20137010767	KR101448413	KR	QoS-Oriented Scheduling Mechanisms For ATCA Based Products	24.08.2011
807363	ALU	13/820798	US9178826	US	QoS-Oriented Scheduling Mechanisms For ATCA Based Products	24.08.2011
800941	ALU	03291182.8	EP1367850	FR	Method for restricting the use of a radio terminal and associated restriction device	20.05.2003
800941	ALU	03291182.8	EP1367850	DE	Method for restricting the use of a radio terminal and associated restriction device	20.05.2003
800941	ALU	03291182.8	EP1367850	GB	Method for restricting the use of a radio terminal and associated restriction device	20.05.2003
812917	ALU	14/041851	US9148364	US	System, Method And Apparatus For Efficient Management Of S-PMSI Resource In RSVP P2MP Multicast Networks	30.09.2013
813172	ALU	12306665.6		EP	Robust Content-Based Solution For Dynamically Optimizing Multi-User Wireless Multimedia Transmission	21.12.2012
805517	ALU	10305003.5	EP2341669	FR	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	04.01.2010
805517	ALU	10305003.5	EP2341669	DE	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	04.01.2010
805517	ALU	10305003.5	EP2341669	GB	Detecting BGP Path Exploration Events by Means of Hidden Markov Model (HMM)	04.01.2010
808126	ALU	201180044895.3		CN	Content Capture Device And Methods For Automatically Tagging Content	12.09.2011
808126	ALU	11758653.7		EP	Content Capture Device And Methods For Automatically Tagging Content	12.09.2011
808126	ALU	20137006495	KR101432457	KR	Content Capture Device And Methods For Automatically Tagging Content	12.09.2011
803524	ALU	13/754258	US9232381	US	System And Method Of Serving Gateway Having Mobile Packet Protocol Application-Aware Packet Management	30.01.2013
807638	ALU	10305659.4	EP2398148	FR	Multi octave digital transmitter	21.06.2010
807638	ALU	10305659.4	EP2398148	DE	Multi octave digital transmitter	21.06.2010
807638	ALU	10305659.4	EP2398148	GB	Multi octave digital transmitter	21.06.2010
806606	ALU	13/805566	US8913102	US	Personalized videoconference camera selection based on social proximity.	21.06.2011
807030	ALU	10305853.3	EP2418922	FR	Method to Minimize the POTS Splitter Impact on VDSL Performance	02.08.2010
807030	ALU	10305853.3	EP2418922	DE	Method to Minimize the POTS Splitter Impact on VDSL Performance	02.08.2010
807030	ALU	10305853.3	EP2418922	GB	Method to Minimize the POTS Splitter Impact on VDSL Performance	02.08.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Stoll 2-2 (D)	ALU	04255714.0	EP1638228	FR	Method And Apparatus For Computing Virtual Concatenation Group Bandwidth Data	20.09.2004
Stoll 2-2 (D)	ALU	04255714.0	EP1638228	DE	Method And Apparatus For Computing Virtual Concatenation Group Bandwidth Data	20.09.2004
Stoll 2-2 (D)	ALU	04255714.0	EP1638228	GB	Method And Apparatus For Computing Virtual Concatenation Group Bandwidth Data	20.09.2004
812991	ALU	13/738361	US9722498	US	Control Circuit For Switching Power Converters With Synchronous Rectifiers	10.01.2013
134092	ALU	02022625.4	EP1303086	FR	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	09.10.2002
134092	ALU	02022625.4	EP1303086	DE	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	09.10.2002
134092	ALU	02022625.4	EP1303086	GB	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	09.10.2002
Rao 28 (AM)	ALU	08835872.6	EP2198662	FR	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
Rao 28 (AM)	ALU	08835872.6	EP2198662	DE	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
Rao 28 (AM)	ALU	08835872.6	EP2198662	GB	A Method And Apparatus For A Coordinated Scheduling Method To Avoid Multiplexing Of Control And Data For Power Limited Users In The LTE Reverse Link	24.09.2008
805667	ALU	09306265.1	EP2337268	FR	OTN Tandem Connection Alarm Localization enhancement	18.12.2009
805667	ALU	09306265.1	EP2337268	DE	OTN Tandem Connection Alarm Localization enhancement	18.12.2009
805667	ALU	09306265.1	EP2337268	GB	OTN Tandem Connection Alarm Localization enhancement	18.12.2009
Buddhikot 16-1 (MM)	ALU	08834074.0	EP2196043	FR	Method And Apparatus for Authenticating Nodes In A Wireless Network	23.09.2008
Buddhikot 16-1 (MM)	ALU	08834074.0	EP2196043	DE	Method And Apparatus for Authenticating Nodes In A Wireless Network	23.09.2008
Buddhikot 16-1 (MM)	ALU	08834074.0	EP2196043	GB	Method And Apparatus for Authenticating Nodes In A Wireless Network	23.09.2008
806149	ALU	13/808048		US	Loyalty-Based QoS Upgrade	02.07.2010
813044	ALU	13290028.3		EP	Feed-Back Filter With Broad Transmission Zero	14.02.2013
803277	ALU	08291206.4	EP2200185	FR	PREJOINING: ANTICIPATING THE ACTIVATION OF A DSL LINE	18.12.2008
803277	ALU	08291206.4	EP2200185	DE	PREJOINING: ANTICIPATING THE ACTIVATION OF A DSL LINE	18.12.2008
803277	ALU	08291206.4	EP2200185	GB	PREJOINING: ANTICIPATING THE ACTIVATION OF A DSL LINE	18.12.2008
807034	ALU	201180042237.0	ZL201180042237.0	CN	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	03.08.2011
807034	ALU	2013526386	JP5567213	JP	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	03.08.2011
807034	ALU	1020137007128	KR10-1444684	KR	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	03.08.2011
807034	ALU	13/814414		US	Method And Apparatus For Restoring A Connection Through A Provider Network Upon Request	03.08.2011
805420	ALU	201180032447.1	ZL201180032447.1	CN	Optical fiber coupling by bonding with optoelectronic components	01.07.2011
805420	ALU	11736025.5		EP	Optical fiber coupling by bonding with optoelectronic components	01.07.2011
805420	ALU	2013517314	JP5755327	JP	Optical fiber coupling by bonding with optoelectronic components	01.07.2011
805420	ALU	2012005661		MY	Optical fiber coupling by bonding with optoelectronic components	01.07.2011
805420	ALU	20137002698	KR101437797	KR	Optical fiber coupling by bonding with optoelectronic components	01.07.2011
805420	ALU	13/806484	US8998510	US	Optical fiber coupling by bonding with optoelectronic components	01.07.2011
807602	ALU	201180033051.9	ZL201180033051.9	CN	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	16.06.2011
807602	ALU	2013517062	JP5907960	JP	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	16.06.2011
807672	ALU	2013527529	JP5670573	JP	Method for Efficient Implementation of Phantom Mode	16.08.2011
807672	ALU	10-2013-7009114	KR101419693	KR	Method for Efficient Implementation of Phantom Mode	16.08.2011
807672	ALU	13/816856	US8773178	US	Method for Efficient Implementation of Phantom Mode	16.08.2011
807780	ALU	2013529558	JP5681289	JP	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	04.08.2011
807780	ALU	20137009692	KR101507721	KR	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	04.08.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807780	ALU	13/825480	US9179403	US	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	04.08.2011
807320	ALU	2013-520182	JP5670567	JP	Wireless Internet Connection Green, Secure and Without Potential Health Impact	13.07.2011
808659	ALU	2013538726	JP5625121	JP	Prioritizing Forwarding Table Updates In OSPF Routers Based On MPLS Paths	05.10.2011
808659	ALU	20137012121	KR101457317	KR	Prioritizing Forwarding Table Updates In OSPF Routers Based On MPLS Paths	05.10.2011
808661	ALU	11770965.9		EP	Lookahead Computation Of Routing Information	03.10.2011
808661	ALU	2013538723	JP5622942	JP	Lookahead Computation Of Routing Information	03.10.2011
808661	ALU	20137012207	KR101463364	KR	Lookahead Computation Of Routing Information	03.10.2011
807067	ALU	2013-520072	JP5542240	JP	Self-cleaning Rules	14.07.2011
807067	ALU	2013-7003999	KR101457314	KR	Self-cleaning Rules	14.07.2011
813042	ALU	13305667.1		EP	Crosstalk Channel Estimation In An Over-subscribed FTU-O Module	23.05.2013
812880	ALU	1028/DEL/2013		IN	Dynamic Selection Of Bandwidth Mode By The User In GPON Access Networks	05.04.2013
806149	ALU	201080067887.6	ZL201080067887.6	CN	Loyalty-Based QoS Upgrade	02.07.2010
813217	ALU	13290109.1		EP	Improved Energy Management System For Uninterrupted Power Supply Using Universal Electrical Storage Device	17.05.2013
811041	ALU	102101494	TWI516187	TW	Detachable base station	15.01.2013
807117	ALU	10290354.9	EP2403183	FR	Innovative Network Management Systems to increase energy efficiency	30.06.2010
807117	ALU	10290354.9	EP2403183	DE	Innovative Network Management Systems to increase energy efficiency	30.06.2010
807117	ALU	10290354.9	EP2403183	GB	Innovative Network Management Systems to increase energy efficiency	30.06.2010
813299	ALU	13306148.1		EP	Packet add/dropp multiplexer node architecture for colored WDM packets	13.08.2013
813316	ALU	13305249.8		EP	Frequency Offset QAM Transmission System	05.03.2013
812829	ALU	13305341.3	EP2782273	EP	SCHEDULING OF DATA BURSTS IN A BURST SWITCHING COMMUNICATION NETWORK	21.03.2013
813259	ALU	13305113.6	EP2763334	EP	All-optical resynchronization of a WDM optical packet ring	01.02.2013
812999	ALU	13305978.2		EP	Dynamic and context based distribution of Immersive Video conference processing	09.07.2013
812797	ALU	13305790.1		EP	A method to improve multimedia conference quality	11.06.2013
802719	ALU	08290078.8	EP2086130	FR	Coherent PolSK-PSK modulation format for improved tolerance to both linear and non linear effects.	29.01.2008
802719	ALU	08290078.8	EP2086130	DE	Coherent PolSK-PSK modulation format for improved tolerance to both linear and non linear effects.	29.01.2008
802719	ALU	08290078.8	EP2086130	GB	Coherent PolSK-PSK modulation format for improved tolerance to both linear and non linear effects.	29.01.2008
Aksyuk 56-17 (VA)	ALU	20133183	JP5484605	JP	Surface Plasmon Polariton Modulation	11.01.2013
807337	ALU	201180036501.X	ZL201180036501.X	CN	Bringing Up IPv6CP Between IP Pseudowire Service Access Point And Customer Equipment (CE) Service Access Point	20.07.2011
807337	ALU	2013521245	JP5602946	JP	Bringing Up IPv6CP Between IP Pseudowire Service Access Point And Customer Equipment (CE) Service Access Point	20.07.2011
808542	ALU	11767866.4		EP	Surveillance Video Router	27.09.2011
808542	ALU	2013534924	JP5931077	JP	Surveillance Video Router	27.09.2011
808542	ALU	20137010043	KR101473127	KR	Surveillance Video Router	27.09.2011
809005	ALU	20147003179	KR101596175	KR	System And Method For Powering Redundant Components	19.07.2012
813520	ALU	13305290.2		EP	Identification And Separation Of Topology And Impairments Patterns From Vectoring Heatmap	14.03.2013
807819	ALU	2013534311	JP5805775	JP	IEEE1588V2 Transparent clock DEViation for layer violation avoidance (T-DEV)	19.10.2011
807819	ALU	20137012828	KR101488233	KR	IEEE1588V2 Transparent clock DEViation for layer violation avoidance (T-DEV)	19.10.2011
807819	ALU	13/877547	US9491106	US	IEEE1588V2 Transparent clock DEViation for layer violation avoidance (T-DEV)	19.10.2011
807510	ALU	11793929.8		EP	Method And Apparatus For Local Gateway Assignment In Wireless Networks	22.11.2011
807510	ALU	20137016750	KR101506923	KR	Method And Apparatus For Local Gateway Assignment In Wireless Networks	22.11.2011
813531	ALU	13290072.1		EP	Improving QoE In HTTP Adaptive Streaming With Efficient Usage Of Buffer Size	27.03.2013
806021	ALU	10290454.7	EP2424313	FR	Improved Cell Edge Throughput for E-DCH	25.08.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
806021	ALU	10290454.7	EP2424313	DE	Improved Cell Edge Throughput for E-DCH	25.08.2010
806021	ALU	10290454.7	EP2424313	GB	Improved Cell Edge Throughput for E-DCH	25.08.2010
810605	ALU	13/911325	US9167201	US	User-feedback Channel For Video Conferencing With A Portable Camera	06.06.2013
Bhatt 7-150-3 (JB)	ALU	13/791476	US8855689	US	Direct SMS Message Delivery Over Broadband Data Networks Through An SMS-C	08.03.2013
806994	ALU	201180052188.9	ZL201180052188.9	CN	Content Based VLAN Classification And Framework For Ethernet Network To Support Content Based Bridging	26.10.2011
808021	ALU	201180056889.X	ZL201180056889.X	CN	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	23.11.2011
808021	ALU	2013-541292	JP5707507	JP	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	23.11.2011
808021	ALU	10-2013-7016751	KR10-1529536	KR	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	23.11.2011
808021	ALU	13/878900	US9672136	US	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	23.11.2011
808693	ALU	201180059762.3	ZL201180059762.3	CN	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	07.12.2011
808693	ALU	2013-542525	JP5681812	JP	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	07.12.2011
808693	ALU	10-2013-7017813	KR10-1520313	KR	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	07.12.2011
808693	ALU	13/990330	US8958544	US	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	07.12.2011
808498	ALU	201180060560.0	ZL201180060560.0	CN	DSL Vectoring Stabilisation By Seamless Phase Out Of Excess Disturbers	07.12.2011
808498	ALU	2013-543650	JP5775169	JP	DSL Vectoring Stabilisation By Seamless Phase Out Of Excess Disturbers	07.12.2011
808498	ALU	1020137018425	KR10-1529537	KR	DSL Vectoring Stabilisation By Seamless Phase Out Of Excess Disturbers	07.12.2011
808498	ALU	13/990615	US9172427	US	DSL Vectoring Stabilisation By Seamless Phase Out Of Excess Disturbers	07.12.2011
809838	ALU	2012800291824	ZL2012800291824	CN	Efficient Point-To-Multipoint Architecture	04.06.2012
809838	ALU	2014-515130	JP5756885	JP	Efficient Point-To-Multipoint Architecture	04.06.2012
809838	ALU	10-2013-7033199	KR10-1521043	KR	Efficient Point-To-Multipoint Architecture	04.06.2012
809838	ALU	14/117954	US9313038	US	Efficient Point-To-Multipoint Architecture	04.06.2012
808502	ALU	20137024704	KR101493636	KR	Consulting interactive TV content for past programs	16.02.2012
808232	ALU	201280012262.9		CN	Automated video "twitting"	08.03.2012
808232	ALU	2013-557098	JP5731677	JP	Automated video "twitting"	08.03.2012
810133	ALU	2014525047	JP5878238	JP	Method And Apparatus For Comparing Videos	31.07.2012
810133	ALU	20147003319	KR101517750	KR	Method And Apparatus For Comparing Videos	31.07.2012
813612	ALU	13/890304	US9065748	US	Achieving Symmetrical Latency With TDM Circuit Emulated Service	09.05.2013
813613	ALU	13/899720	US9331804	US	Using Multiple Oscillators Across A Sub-Network For Improved Holdover	22.05.2013
806132	ALU	09306268.5	EP2337282	FR	Advertising IP-over-CLNP tunnels adjacencies in a dual environment	18.12.2009
806132	ALU	09306268.5	EP2337282	DE	Advertising IP-over-CLNP tunnels adjacencies in a dual environment	18.12.2009
806132	ALU	09306268.5	EP2337282	GB	Advertising IP-over-CLNP tunnels adjacencies in a dual environment	18.12.2009
805506	ALU	09306285.9	EP2337279	FR	Dual Attachment Coordinated Protection & Restoration	18.12.2009
805506	ALU	09306285.9	EP2337279	DE	Dual Attachment Coordinated Protection & Restoration	18.12.2009
805506	ALU	09306285.9	EP2337279	GB	Dual Attachment Coordinated Protection & Restoration	18.12.2009
808420	ALU	201180047571.5		CN	An Audio Source Locator And Tracker, A Method Of Directing A Camera To View An Audio Source And Video Conferencing Terminal	15.09.2011
813617	ALU	13/803910	US9344487	US	Method For Networking cPaaS Components For Application On-Boarding	14.03.2013
Bosch 29-1 (P)	ALU	13/768460	US8737358	US	Method For Providing Seamless Transition Between Networks Following Different Protocols	15.02.2013
102552	ALU	00403623.2	EP1124392	FR	Mixte terminal.	21.12.2000
102552	ALU	00403623.2	EP1124392	DE	Mixte terminal.	21.12.2000
102552	ALU	00403623.2	EP1124392	GB	Mixte terminal.	21.12.2000
813393	ALU	13305369.4		EP	IPTV commercial monitor	26.03.2013
Nuzman 12-13 (CJ)	ALU	07838678.6	EP2082541	FR	Admission Control Of Sessions With Preference Lists	21.09.2007
Nuzman 12-13 (CJ)	ALU	07838678.6	EP2082541	DE	Admission Control Of Sessions With Preference Lists	21.09.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Nuzman 12-13 (CJ)	ALU	07838678.6	EP2082541	GB	Admission Control Of Sessions With Preference Lists	21.09.2007
803583	ALU	08305715.8	EP2180611	FR	Photonic Radio Transceiver	23.10.2008
803583	ALU	08305715.8	EP2180611	DE	Photonic Radio Transceiver	23.10.2008
803583	ALU	08305715.8	EP2180611	IT	Photonic Radio Transceiver	23.10.2008
803583	ALU	08305715.8	EP2180611	ES	Photonic Radio Transceiver	23.10.2008
803583	ALU	08305715.8	EP2180611	GB	Photonic Radio Transceiver	23.10.2008
813718	ALU	13/785231	US9369209	US	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
813668	ALU	13/832842	US9154733	US	End To End Video Latency In A Realtime Video Conversation	15.03.2013
808209	ALU	201180054183.X	ZL201180054183X	CN	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
808209	ALU	11776774.9	EP2641348	EP	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
808209	ALU	2013538127	JP5658375	JP	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
808209	ALU	20137011778	KR101481396	KR	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
808209	ALU	13/825604	US8971357	US	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
Bosch 29-1 (P)	ALU	MX/a/2013/001775	MX312807	MX	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
804560	ALU	09290741.9	EP2301635	FR	Method And Apparatus For Network Delay Equalization	29.09.2009
804560	ALU	09290741.9	EP2301635	DE	Method And Apparatus For Network Delay Equalization	29.09.2009
804560	ALU	09290741.9	EP2301635	GB	Method And Apparatus For Network Delay Equalization	29.09.2009
813717	ALU	13/826322	US9342341	US	Method For Connecting cPaaS Manager To Multiple Private Customer Networks	14.03.2013
801569	ALU	07290969.0	EP2023568	FR	Dual attachment & transport protection co-ordination	01.08.2007
801569	ALU	07290969.0	EP2023568	DE	Dual attachment & transport protection co-ordination	01.08.2007
801569	ALU	07290969.0	EP2023568	GB	Dual attachment & transport protection co-ordination	01.08.2007
813669	ALU	13157089.7		EP	Method To Improve Wireless Broadcast Performance Of Small Objects	27.02.2013
Khan 46 (FU)	ALU	201334763	JP5642216	JP	Cell Switching And Packet Combining In A Wireless Communication System	11.07.2005
135998	ALU	03014402.6	EP1377108	FR	LIGHTPATH SEGMENTATION METHOD	27.06.2003
135998	ALU	03014402.6	EP1377108	DE	LIGHTPATH SEGMENTATION METHOD	27.06.2003
135998	ALU	03014402.6	EP1377108	GB	LIGHTPATH SEGMENTATION METHOD	27.06.2003
Bosch 29-1 (P)	ALU	09758664.8	EP2289284	FR	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	09758664.8	EP2289284	DE	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	09758664.8	EP2289284	GB	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
811154	ALU	13158202.5		EP	Multi-screen usage control	07.03.2013
808826	ALU	2013543579	JP5671629	JP	Method For Routing In Name Based Networking	26.09.2011
808826	ALU	20137015340	KR101467720	KR	Method For Routing In Name Based Networking	26.09.2011
106463	ALU	07291183.7	EP2043313	FR	HOW TO IMPROVE THE BALANCE OF LATENCY ON TDM TRAFFIC VS. TRANSPORT EFFICIENCY	28.09.2007
106463	ALU	07291183.7	EP2043313	DE	HOW TO IMPROVE THE BALANCE OF LATENCY ON TDM TRAFFIC VS. TRANSPORT EFFICIENCY	28.09.2007
106463	ALU	07291183.7	EP2043313	GB	HOW TO IMPROVE THE BALANCE OF LATENCY ON TDM TRAFFIC VS. TRANSPORT EFFICIENCY	28.09.2007
813169	ALU	201310108750.6		CN	A New Method To Handle Call Forwarding To Establish Instant Communication	29.03.2013
807556	ALU	201180058915.2	ZL201180058915.2	CN	Combined Single-Ended Line Test Using both Reflectometry and Metallic Line Test	03.10.2011
137962	ALU	06809258.4	EP1929707	FR	Passive Real-Time Address Space Validation System	22.08.2006
137962	ALU	06809258.4	EP1929707	DE	Passive Real-Time Address Space Validation System	22.08.2006
805813	ALU	09290957.1	EP2337245	FR	Variable bitrate OFDM	17.12.2009
805813	ALU	09290957.1	EP2337245	DE	Variable bitrate OFDM	17.12.2009
800136	ALU	07301386.4	EP2040307	FR	HIGH SENSITIVITY SEPARATED ABSORPTION GRADING AND MULTIPLICATION AVALANCHE PHOTODIODE (SAGM APD) WITH INTRA-BAND QUANTUM-WELL INFRA-RED (QWIP) ABSORPTION LAYER	20.09.2007
800136	ALU	07301386.4	EP2040307	DE	HIGH SENSITIVITY SEPARATED ABSORPTION GRADING AND MULTIPLICATION AVALANCHE PHOTODIODE (SAGM APD) WITH INTRA-BAND QUANTUM-WELL INFRA-RED (QWIP) ABSORPTION LAYER	20.09.2007
800136	ALU	07301386.4	EP2040307	GB	HIGH SENSITIVITY SEPARATED ABSORPTION GRADING AND MULTIPLICATION AVALANCHE PHOTODIODE (SAGM APD) WITH INTRA-BAND QUANTUM-WELL INFRA-RED (QWIP) ABSORPTION LAYER	20.09.2007
813701	ALU	13290128.1		EP	Improvement Of Broadband Zero Reflection Type Filter Using Lumped Elements	10.06.2013

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
806541	ALU	201180053339.2	ZL2011800533392	CN	PDM 3PSK modulation format for increase tolerance to non linear effects	17.10.2011
806541	ALU	11772944.2		EP	PDM 3PSK modulation format for increase tolerance to non linear effects	17.10.2011
806541	ALU	2013537058	JP5785620	JP	PDM 3PSK modulation format for increase tolerance to non linear effects	17.10.2011
806541	ALU	1020137011416	KR101542757	KR	PDM 3PSK modulation format for increase tolerance to non linear effects	17.10.2011
806541	ALU	13/877587	US9143154	US	PDM 3PSK modulation format for increase tolerance to non linear effects	17.10.2011
804899	ALU	10169009.7	EP2282430	FR	More flexible directionless OXC architecture optimized for coherent detection	09.07.2010
804899	ALU	10169009.7	EP2282430	DE	More flexible directionless OXC architecture optimized for coherent detection	09.07.2010
804899	ALU	10169009.7	EP2282430	GB	More flexible directionless OXC architecture optimized for coherent detection	09.07.2010
810652	ALU	201280061185.6	ZL201280061185.6	CN	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	06.12.2012
810652	ALU	3984/DELNP/2014		IN	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	06.12.2012
803310	ALU	08291020.9	EP2182759	FR	Flat IP architecture improvement	31.10.2008
803310	ALU	08291020.9	EP2182759	DE	Flat IP architecture improvement	31.10.2008
803310	ALU	08291020.9	EP2182759	GB	Flat IP architecture improvement	31.10.2008
806481	ALU	10305467.2	EP2383896	FR	Detection of Switching Power Supplies Impacting DSL Lines	30.04.2010
806481	ALU	10305467.2	EP2383896	DE	Detection of Switching Power Supplies Impacting DSL Lines	30.04.2010
806481	ALU	10305467.2	EP2383896	GB	Detection of Switching Power Supplies Impacting DSL Lines	30.04.2010
813307	ALU	13/921442		US	Dynamic Network Service Association and On Demand Service Provisioning	19.06.2013
813654	ALU	13290162.0		EP	Adaptive Intelligent Server For HTTP Based Panoramic Video	12.07.2013
813218	ALU	13305743.0		EP	HTTP Adaptive Streaming Monitoring Based On Multiple Session Processing And Retrieval-delay	04.06.2013
813288	ALU	13305819.8		EP	A TCP-friendly HTTP Adaptive Streaming Client	18.06.2013
813656	ALU	13290164.6		EP	Hierarchical Manifest Files For HTTP Adaptive Streaming Based Panoramic Video	12.07.2013
813560	ALU	14/063730		US	FM Transmitter In STBs Providing Music Channel Via IPTV Delivering Network To Radio Receivers	25.10.2013
807557	ALU	201180063993.1	ZL201180063993.1	CN	Automatic SELT/MELT Cross-Calibration	21.12.2011
807557	ALU	2013-546669	JP5759016	JP	Automatic SELT/MELT Cross-Calibration	21.12.2011
807557	ALU	20137019746	KR10-1478003	KR	Automatic SELT/MELT Cross-Calibration	21.12.2011
807557	ALU	13/995303	US9316715	US	Automatic SELT/MELT Cross-Calibration	21.12.2011
813545	ALU	13306176.2	EP2843967	EP	Hierarchical Scheduling In Optical Burst Switching Networks And Related Node Architecture	28.08.2013
813705	ALU	13290241.2		EP	Frequency-domain Sample Compression With Reduced Representation Based On Reference Loop	08.10.2013
813699	ALU	13290227.1	EP2852067	EP	Successive Distributed Vectoring	23.09.2013
813708	ALU	13305970.9	EP2824844	EP	Method For The Detection Of Line Unbalance, Based On Hlog Measurement	08.07.2013
813581	ALU	13306308.1		EP	Small Cell DCCH Diversity To Improve Handover Success Rates	25.09.2013
808814	ALU	201280015563.7	ZL201280015563.7	CN	Managing Data File Transmission	22.03.2012
808814	ALU	12711328.0		EP	Managing Data File Transmission	22.03.2012
808814	ALU	2014502635	JP5833737	JP	Managing Data File Transmission	22.03.2012
808814	ALU	20137028519	KR101495560	KR	Managing Data File Transmission	22.03.2012
813648	ALU	14/230501		US	Distributed Collaborative Offline Charging System	31.03.2014
813719	ALU	13/859367	US9374236	US	System And Method For Improving Network Efficiency Using MVPN Site-Type Attribute	09.04.2013
808309	ALU	201280006549.0	ZL2012800065490	CN	IEEE 1588V2 Transparent clock On-Demand (TOD)	27.01.2012
808309	ALU	2013552900	JP5661951	JP	IEEE 1588V2 Transparent clock On-Demand (TOD)	27.01.2012
808309	ALU	20137020174	KR101426325	KR	IEEE 1588V2 Transparent clock On-Demand (TOD)	27.01.2012
808309	ALU	13/993122	US9258073	US	IEEE 1588V2 Transparent clock On-Demand (TOD)	27.01.2012
808852	ALU	20137017739	KR101556513	KR	Detecting Duplicated Videos With Insertion/Deletion/Substitution By Sequence Matching	04.01.2012
807593	ALU	201180061331.0		CN	Automatic Video Image Annotation	14.12.2011
808959	ALU	20137016309	KR101726475	KR	Integrated Video Monitoring Planning, Camera Configuration & Calibration For CCTV Deployment	21.12.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
808959	ALU	13/995713		US	Integrated Video Monitoring Planning, Camera Configuration & Calibration For CCTV Deployment	21.12.2011
808626	ALU	201180061736.4	ZL201180061736.4	CN	Integrated Video Monitoring Planning, Camera Configuration & Calibration For CCTV Deployment	21.12.2011
800739	ALU	07291176.1	EP2043193	FR	A highly stable high performance VSWR detector	28.09.2007
800739	ALU	07291176.1	EP2043193	DE	A highly stable high performance VSWR detector	28.09.2007
800739	ALU	07291176.1	EP2043193	GB	A highly stable high performance VSWR detector	28.09.2007
Bejerano 14-10-9-8 (Y)	ALU	05257702.0	EP1677459	FR	Methods And Devices For Associating A Mobile Device To Access Points Within A WLAN	15.12.2005
Bejerano 14-10-9-8 (Y)	ALU	05257702.0	EP1677459	DE	Methods And Devices For Associating A Mobile Device To Access Points Within A WLAN	15.12.2005
Bejerano 14-10-9-8 (Y)	ALU	05257702.0	EP1677459	GB	Methods And Devices For Associating A Mobile Device To Access Points Within A WLAN	15.12.2005
807760	ALU	10306313.7	EP2458761	FR	Node architecture for slotted packet optical add-drop multiplexed networks	29.11.2010
807760	ALU	10306313.7	EP2458761	DE	Node architecture for slotted packet optical add-drop multiplexed networks	29.11.2010
807760	ALU	10306313.7	EP2458761	GB	Node architecture for slotted packet optical add-drop multiplexed networks	29.11.2010
811701	ALU	102117751	TWI511476	TW	eOTDR Crosstalk Mitigation Through Digital Signal Processing	20.05.2013
Garay 13-4-24 (JA)	ALU	13/894581	US8799679	US	Message Authentication Code Pre-Computation With Application To Secure Memory	15.05.2013
808758	ALU	201280007793.9		CN	Dynamic HAS Caching Algorithms	02.02.2012
808758	ALU	2013552200	JP5747090	JP	Dynamic HAS Caching Algorithms	02.02.2012
808758	ALU	2013-7020783	KR101556453	KR	Dynamic HAS Caching Algorithms	02.02.2012
807747	ALU	11843717.7		EP	Authentication Based Multi-player On-line Video Game System	14.10.2011
807747	ALU	14/004200	US9380049	US	Authentication Based Multi-player On-line Video Game System	14.10.2011
808442	ALU	201180059489.4	ZL201180059489.4	CN	Resource Profile Adjustment For Pre-Fetching Of Assets To User Equipment	06.12.2011
808442	ALU	11837313.3		EP	Resource Profile Adjustment For Pre-Fetching Of Assets To User Equipment	06.12.2011
121308	ALU	06292015.2	EP1936826	FR	PSD SHAPING AT REMOTE TERMINALS BY NOISE INJECTION.	20.12.2006
121308	ALU	06292015.2	EP1936826	DE	PSD SHAPING AT REMOTE TERMINALS BY NOISE INJECTION.	20.12.2006
121308	ALU	06292015.2	EP1936826	GB	PSD SHAPING AT REMOTE TERMINALS BY NOISE INJECTION.	20.12.2006
Kisel 10-11-3 (A)	ALU	08290051.5	EP2081362	FR	Resource Arbitration In A Converged Multi-Media Environment	21.01.2008
Kisel 10-11-3 (A)	ALU	08290051.5	EP2081362	DE	Resource Arbitration In A Converged Multi-Media Environment	21.01.2008
Kisel 10-11-3 (A)	ALU	08290051.5	EP2081362	GB	Resource Arbitration In A Converged Multi-Media Environment	21.01.2008
814195	ALU	12/636435	US8578491	US	Network Based Malware Detection And Reporting	11.12.2009
814198	ALU	12/714202		US	Method And Apparatus For Content Targeting One User Group Based On Behavioral Profiling Of Another User Group	26.02.2010
814201	ALU	13/083501	US8635697	US	Method And System For Operating System Identification In A Network Based Security Monitoring Solution	08.04.2011
814202	ALU	13/077696	US8489523	US	Categorization Automation	31.03.2011
810688	ALU	201280051465.9		CN	NAI Subscription-Id Hint Bit Handling	17.10.2012
810688	ALU	12842234.2		EP	NAI Subscription-Id Hint Bit Handling	17.10.2012
810688	ALU	2403/CHENP/2014		IN	NAI Subscription-Id Hint Bit Handling	17.10.2012
810688	ALU	2014536077	JP5816759	JP	NAI Subscription-Id Hint Bit Handling	17.10.2012
810688	ALU	20147010236	KR101575551	KR	NAI Subscription-Id Hint Bit Handling	17.10.2012
808258	ALU	201280009759.5	ZL201280009759.5	CN	Automatic Capture of the network Delay Component (AC-DC)	01.02.2012
808258	ALU	2013552189	JP5779664	JP	Automatic Capture of the network Delay Component (AC-DC)	01.02.2012
808258	ALU	20137023244	KR101504055	KR	Automatic Capture of the network Delay Component (AC-DC)	01.02.2012
808258	ALU	13/982622	US9413625	US	Automatic Capture of the network Delay Component (AC-DC)	01.02.2012
807784	ALU	2013553885	JP5789679	JP	Energy Efficient Cross-Layer Packet-Processing Unit	10.02.2012
807985	ALU	201280005405.3	ZL201280005405.3	CN	Single Early Discard for Reduced Delay in Network Buffers	05.01.2012
807985	ALU	2013549466	JP5676780	JP	Single Early Discard for Reduced Delay in Network Buffers	05.01.2012
807985	ALU	20137018144	KR101493632	KR	Single Early Discard for Reduced Delay in Network Buffers	05.01.2012
803437	ALU	09164223.1	EP2141842	FR	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
803437	ALU	09164223.1	EP2141842	DE	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
803437	ALU	09164223.1	EP2141842	GB	Lower WSS-consuming OXC architecture optimized for high connectivity	30.06.2009
807888	ALU	2013541268	JP5717868	JP	Tunnel Follow-Up Message For Transparent Clock (TFM4TC)	25.10.2011
807888	ALU	20137017078	KR101504854	KR	Tunnel Follow-Up Message For Transparent Clock (TFM4TC)	25.10.2011
807888	ALU	13/990300	US9608750	US	Tunnel Follow-Up Message For Transparent Clock (TFM4TC)	25.10.2011

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805280	ALU	09290907.6	EP2330746	FR	Energy saving by intelligent interaction of RRM and Transceiver Unit	04.12.2009
805280	ALU	09290907.6	EP2330746	DE	Energy saving by intelligent interaction of RRM and Transceiver Unit	04.12.2009
805280	ALU	09290907.6	EP2330746	GB	Energy saving by intelligent interaction of RRM and Transceiver Unit	04.12.2009
802861	ALU	08290172.9	EP2093969	FR	Multi-layer profile architecture for H.248 controlled Media Gateways	21.02.2008
802861	ALU	08290172.9	EP2093969	DE	Multi-layer profile architecture for H.248 controlled Media Gateways	21.02.2008
802861	ALU	08290172.9	EP2093969	GB	Multi-layer profile architecture for H.248 controlled Media Gateways	21.02.2008
813942	ALU	13305930.3		EP	Dynamic Service Deployment Optimisation Using Observed Target Behaviour	01.07.2013
Das 19-17-41 (S)	ALU	102116611	TWI514804	TW	Methods Of Reverse Link Power Control	16.02.2007
Das 19-17-41 (S)	ALU	102116610	TWI478522	TW	Methods Of Reverse Link Power Control	16.02.2007
806400	ALU	10305309.6	EP2375376	FR	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	26.03.2010
806400	ALU	10305309.6	EP2375376	DE	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	26.03.2010
806400	ALU	10305309.6	EP2375376	GB	Camera Calibration Using Projective Geometry Constrained, Similarity Invariant Search Spaces	26.03.2010
804293	ALU	10715430.4	EP2425591	FR	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	16.04.2010
804293	ALU	10715430.4	EP2425591	DE	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	16.04.2010
804293	ALU	10715430.4	EP2425591	GB	Per Flow Packet Flooding Control at Egress PE on MPLS Domain	16.04.2010
811051	ALU	13700818.1		EP	Reducing Latency And Cost In Resilient Cloud File Systems	09.01.2013
803143	ALU	08007355.4	EP2110970	FR	Embedded OTDR applying binary test patterns	15.04.2008
803143	ALU	08007355.4	EP2110970	DE	Embedded OTDR applying binary test patterns	15.04.2008
803143	ALU	08007355.4	EP2110970	GB	Embedded OTDR applying binary test patterns	15.04.2008
804943	ALU	09306263.6	EP2337267	FR	3D User Interface for Element Network Management	18.12.2009
804943	ALU	09306263.6	EP2337267	DE	3D User Interface for Element Network Management	18.12.2009
804943	ALU	09306263.6	EP2337267	GB	3D User Interface for Element Network Management	18.12.2009
807973	ALU	11150135.9	EP2472753	FR	Method And Architecture For Optical Fiber Automated Temporal Asymmetry Direct Measurement And Absolute Round Trip Delay Measurement.	04.01.2011
807973	ALU	11150135.9	EP2472753	DE	Method And Architecture For Optical Fiber Automated Temporal Asymmetry Direct Measurement And Absolute Round Trip Delay Measurement.	04.01.2011
807973	ALU	11150135.9	EP2472753	GB	Method And Architecture For Optical Fiber Automated Temporal Asymmetry Direct Measurement And Absolute Round Trip Delay Measurement.	04.01.2011
814227	ALU	13305852.9	EP2816859	EP	Method for CQI Feedback managment for Multicarrier based Systems	21.06.2013
813330	ALU	13306300.8		EP	Conference Switching	24.09.2013
814293	ALU	13305811.5		EP	Spurious Apparatus Detection Mechanism In Reverse Power Networks	17.06.2013
805512	ALU	2013123414	JP5587467	JP	Receiver For Optical Transverse-Mode-Mutiplexed Signals	12.06.2013
808021	ALU	10306316.0	EP2458742	FR	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	30.11.2010
808021	ALU	10306316.0	EP2458742	DE	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	30.11.2010
808021	ALU	10306316.0	EP2458742	GB	Implementation of an xDSL Access Cable Crosstalk Emulator Coupling Matrix	30.11.2010
806776	ALU	10168440.5	EP2405587	FR	Ringing Phase Echo Cancealment	05.07.2010
806776	ALU	10168440.5	EP2405587	DE	Ringing Phase Echo Cancealment	05.07.2010
806776	ALU	10168440.5	EP2405587	GB	Ringing Phase Echo Cancealment	05.07.2010
814385	ALU	13/937182		US	Alcatel-Lucent Service Portal - Security Encryption Management	08.07.2013
814283	ALU	13/951129	US9253514	US	Trigger 911 SMS Using IPTV Infrastructure	25.07.2013
803751	ALU	09768029.2	EP2377256	FR	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
803751	ALU	09768029.2	EP2377256	DE	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
803751	ALU	09768029.2	EP2377256	GB	On-Node Frequency Support and Time distribution protocol inter-working	07.12.2009
808299	ALU	2014-503111	JP5781683	JP	Adaptive Generation of Optimal DSLAM Service & Spectrum Profiles	03.04.2012
808299	ALU	10-2013-7029490	KR101544301	KR	Adaptive Generation of Optimal DSLAM Service & Spectrum Profiles	03.04.2012
808299	ALU	14/005358	US9270615	US	Adaptive Generation of Optimal DSLAM Service & Spectrum Profiles	03.04.2012
814491	ALU	13306019.4		EP	Flexible Multimedia Descriptor For Adaptive Media Playback	16.07.2013

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
806967	ALU	10305625.5	EP2395711	FR	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	11.06.2010
806967	ALU	10305625.5	EP2395711	DE	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	11.06.2010
806967	ALU	10305625.5	EP2395711	GB	A Combined Connectivity - Betweenness Centrality Metric For Path-Vector Routing	11.06.2010
Bu 6-6-40 (T)	ALU	2012173597	JP5506871	JP	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	FR	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	DE	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	IT	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	ES	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	GB	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
102456	ALU	00942171.0	EP1145378	FR	Miniature T-patch antenna.	08.06.2000
102456	ALU	00942171.0	EP1145378	DE	Miniature T-patch antenna.	08.06.2000
102456	ALU	00942171.0	EP1145378	GB	Miniature T-patch antenna.	08.06.2000
808155	ALU	11360002.7	EP2475095	FR	Novel 3-Way Doherty Architecture For Optimum Cost And Performance	07.01.2011
808155	ALU	11360002.7	EP2475095	DE	Novel 3-Way Doherty Architecture For Optimum Cost And Performance	07.01.2011
808155	ALU	11360002.7	EP2475095	GB	Novel 3-Way Doherty Architecture For Optimum Cost And Performance	07.01.2011
Namjoshi 5-18 (KS)	ALU	14/165620	US9083731	US	Method And Apparatus For Pattern Matching For Instrusion Detection/Prevention Systems	28.01.2014
137443	ALU	02293210.7	EP1333624	FR	OAM CONTINUITY CHECK (OAM CC)	23.12.2002
137443	ALU	02293210.7	EP1333624	DE	OAM CONTINUITY CHECK (OAM CC)	23.12.2002
137443	ALU	02293210.7	EP1333624	GB	OAM CONTINUITY CHECK (OAM CC)	23.12.2002
804031	ALU	09786471.4	EP2422468	FR	Add and Drop Elements for an NTP On-path-Support (ADES)	21.04.2009
804031	ALU	09786471.4	EP2422468	DE	Add and Drop Elements for an NTP On-path-Support (ADES)	21.04.2009
804031	ALU	09786471.4	EP2422468	GB	Add and Drop Elements for an NTP On-path-Support (ADES)	21.04.2009
809355	ALU	201280018535.0	ZL201280018535.0	CN	Condensed Core-Energy-Efficient Architecture For Wan IP Backbones	11.04.2012
809355	ALU	12716909.2		EP	Condensed Core-Energy-Efficient Architecture For Wan IP Backbones	11.04.2012
809293	ALU	11305409.2	EP2509250	FR	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	08.04.2011
809293	ALU	11305409.2	EP2509250	DE	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	08.04.2011
809293	ALU	11305409.2	EP2509250	GB	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	08.04.2011
807599	ALU	2013547937	JP5711387	JP	Efficient Video Duplication Detection	04.01.2012
807599	ALU	20137017701	KR101548438	KR	Efficient Video Duplication Detection	04.01.2012
813762	ALU	13306301.6		EP	Privacy-Preserving Location Area Delivery Based On Multi-Location K-Anonymity	24.09.2013
813354	ALU	201410042946.4		CN	High Availability Online Charging Solution For Always On IP Connectivity	29.01.2014
813890	ALU	13306863.5		EP	Processing free switch for efficient adaptive WDM transponder	26.12.2013
800285	ALU	07842899.2	EP2067347	FR	System and Methods for Implementing Generalized Conferencing	20.09.2007
800285	ALU	07842899.2	EP2067347	DE	System and Methods for Implementing Generalized Conferencing	20.09.2007
800285	ALU	07842899.2	EP2067347	GB	System and Methods for Implementing Generalized Conferencing	20.09.2007
814472	ALU	14305147.2	EP2903185	EP	Optical amplifier architecture for spatial division multiplexing	03.02.2014
814130	ALU	13306311.5		EP	Method For Authentication Of A Transport Network Data Container	25.09.2013
814035	ALU	13306194.5	EP2843926	EP	Using POTS To Startup A Reversed Powered Device	03.09.2013
814348	ALU	13306636.5		EP	Vectoring Performance Estimation In Vectoring Systems	29.11.2013
814356	ALU	13290258.6	EP2866398	EP	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	28.10.2013
814082	ALU	14/037706	US9318410	US	Chip Heatspreader	26.09.2013
814135	ALU	14/034924	US9445259	US	Method Of Providing Services Only To Service Provider Certified Devices	24.09.2013
813271	ALU	13306155.6		EP	Post Compensation For Analog-Digital-Converter With Pulse-Width-Modulation	16.08.2013
813642	ALU	13306639.9		EP	Training Sequence Scheme For Inhibiting RF-PA Dynamic Effects	29.11.2013

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801597	ALU	09155742.1	EP2107752	FR	Mobile and Wired Phone convergence in residential WiFi coverage	20.03.2009
801597	ALU	09155742.1	EP2107752	DE	Mobile and Wired Phone convergence in residential WiFi coverage	20.03.2009
801597	ALU	09155742.1	EP2107752	GB	Mobile and Wired Phone convergence in residential WiFi coverage	20.03.2009
814360	ALU	14/185479		US	Method For Fiber Based HPOA Input Loss Safeguarding	20.02.2014
121022	ALU	13/941698		US	HOME IP PLUG CONTROLLER.	15.07.2013
814091	ALU	15306081.9		EP	Semi-inslulating Buried Heterostructure with dual current blocking layer for Photonic Integrated Circuits	02.07.2015
813768	ALU	13306559.9		EP	Transparent Content Origin	14.11.2013
813611	ALU	14157955.7		EP	Wire-Speed Pending Interest Table	05.03.2014
813957	ALU	14/043534	US9445411	US	Low Power CTS-To-Sell To Prevent Starvation In WiFI Networks	01.10.2013
809227	ALU	201280036766.4	ZL201280036766.4	CN	Bootstrapping Fault Detection Sessions Over A P2MP Tunnel	10.07.2012
809227	ALU	12737447.8		EP	Bootstrapping Fault Detection Sessions Over A P2MP Tunnel	10.07.2012
813281	ALU	13190700.8		EP	Tunable Open Cavity Filters	29.10.2013
805935	ALU	14/038951	US8849827	US	Method And Apparatus For Automatically Tagging Content	27.09.2013
800507	ALU	07291122.5	EP2040398	FR	Adaptive memory length for signal processing : application to coherent detection of optical signal	21.09.2007
800507	ALU	07291122.5	EP2040398	DE	Adaptive memory length for signal processing : application to coherent detection of optical signal	21.09.2007
800507	ALU	07291122.5	EP2040398	GB	Adaptive memory length for signal processing : application to coherent detection of optical signal	21.09.2007
808797	ALU	201180069943.4	ZL201180069943.4	CN	A Novel QoS Aware Multi-radio Access Point over TV Whitespaces.	08.04.2011
808797	ALU	11728388.7		EP	A Novel QoS Aware Multi-radio Access Point over TV Whitespaces.	08.04.2011
808797	ALU	2014-503221	JP5686926	JP	A Novel QoS Aware Multi-radio Access Point over TV Whitespaces.	08.04.2011
808797	ALU	10-2013-7029424	KR101538913	KR	A Novel QoS Aware Multi-radio Access Point over TV Whitespaces.	08.04.2011
814725	ALU	13290185.1		EP	Method For Congestion Control	02.08.2013
808188	ALU	11305206.2	EP2493084	FR	Method for Cancelling Crosstalk Towards Uncontrolled Lines	25.02.2011
808188	ALU	11305206.2	EP2493084	DE	Method for Cancelling Crosstalk Towards Uncontrolled Lines	25.02.2011
808188	ALU	11305206.2	EP2493084	GB	Method for Cancelling Crosstalk Towards Uncontrolled Lines	25.02.2011
804783	ALU	09290491.1	EP2273700	FR	Burst mode optical coherent mixer with fast adaptation	25.06.2009
804783	ALU	09290491.1	EP2273700	DE	Burst mode optical coherent mixer with fast adaptation	25.06.2009
804783	ALU	09290491.1	EP2273700	GB	Burst mode optical coherent mixer with fast adaptation	25.06.2009
Riazi 4-12-4 (H)	ALU	00307622.1	EP1087585	FR	Method And Apparatus For Identifying An Orthogonal Frequency Division Multiplexing (OFDM) Terrestrial Repeater Using Inactive Sub-Carriers	04.09.2000
Riazi 4-12-4 (H)	ALU	00307622.1	EP1087585	DE	Method And Apparatus For Identifying An Orthogonal Frequency Division Multiplexing (OFDM) Terrestrial Repeater Using Inactive Sub-Carriers	04.09.2000
Riazi 4-12-4 (H)	ALU	00307622.1	EP1087585	GB	Method And Apparatus For Identifying An Orthogonal Frequency Division Multiplexing (OFDM) Terrestrial Repeater Using Inactive Sub-Carriers	04.09.2000
809624	ALU	201280023157.5		CN	HAS Session Reconstruction (HAS-SR)	07.05.2012
809624	ALU	14/117696	US8973077	US	HAS Session Reconstruction (HAS-SR)	07.05.2012
814836	ALU	13/963204		US	New Methodology For LTE Congestion Alert -User Experience KPIs Based LTE Congestion Detection Method	09.08.2013
814863	ALU	13/959083	US9538482	US	Methods Of Reverse Link Power Control	05.08.2013
814654	ALU	13306240.6		EP	Data Transport Using Digital Fountain Codes With Reduced Latency, Complexity And Buffer Requirements	10.09.2013
814675	ALU	14/143120	US9722861	US	Fault-Resilient Broadcast, Multicast, and Unicast Services	30.12.2013
814499	ALU	14305398.1	EP2922226	EP	Packet power and phase detector for slotted rings	20.03.2014
814163	ALU	14/147100		US	Override R-Rated Intervals Of VoD Streaming Based On User Preferece	03.01.2014
814381	ALU	14305006.0		EP	Determining Overall CDN Hit/Miss Without Log Correlation	06.01.2014
814295	ALU	14305654.7		EP	Customizable collaboration background	02.05.2014
814741	ALU	13306711.6		EP	MRF architecture for low cost videoconferencing to IMS users	12.12.2013
814468	ALU	13306398.2	EP2860933	EP	Method and apparatus for optimizing the personalized delivery of multiple media by maximizing the value of the pool of contents	10.10.2013
814732	ALU	14/188845	US9363814	US	Rate Allocation Mechanism For Optimization Of Adaptive Wireless Video Streaming	25.02.2014
803035	ALU	08290959.9	EP2175667	FR	7TH ORDER UNIVERSAL ISDN/POTS SPLITTER	10.10.2008
803035	ALU	08290959.9	EP2175667	DE	7TH ORDER UNIVERSAL ISDN/POTS SPLITTER	10.10.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
803035	ALU	08290959.9	EP2175667	GB	7TH ORDER UNIVERSAL ISDN/POTS SPLITTER	10.10.2008
Gabler 4-1 (K)	ALU	06774391.4	EP1900244	FR	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
Gabler 4-1 (K)	ALU	06774391.4	EP1900244	DE	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
Gabler 4-1 (K)	ALU	06774391.4	EP1900244	GB	Method And Apparatus For Idenditfying And Tracking Target Subscribers In A Universal Mobile Telephone System	29.06.2006
814978	ALU	14/058413		US	Two Stage Anti Affinity Placement For Cloud Based Applications	21.10.2013
809019	ALU	2014526072	JP5805320	JP	Method And Apparatus For Controlling Wireless Uplink Sessions	08.08.2012
809019	ALU	20147003369	KR101518799	KR	Method And Apparatus For Controlling Wireless Uplink Sessions	08.08.2012
807262	ALU	201280027530.4	ZL201280027530.4	CN	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	03.05.2012
807262	ALU	12720379.2		EP	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	03.05.2012
806319	ALU	10158085.0	EP2369784	FR	Safe ADSL2x Low Power Activation : Method to Enable the ADSL2x Low Power Mode (=L2) in the Field Without Causing Transmission Problems	26.03.2010
806319	ALU	10158085.0	EP2369784	DE	Safe ADSL2x Low Power Activation : Method to Enable the ADSL2x Low Power Mode (=L2) in the Field Without Causing Transmission Problems	26.03.2010
806319	ALU	10158085.0	EP2369784	GB	Safe ADSL2x Low Power Activation : Method to Enable the ADSL2x Low Power Mode (=L2) in the Field Without Causing Transmission Problems	26.03.2010
801433	ALU	2013193780	JP5813072	JP	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
808256	ALU	201280026689.4		CN	Architecture and Method to Maximize Consumer Utility of Recommended Content	05.04.2012
808256	ALU	20137031590	KR101520749	KR	Architecture and Method to Maximize Consumer Utility of Recommended Content	05.04.2012
808256	ALU	14/122761		US	Architecture and Method to Maximize Consumer Utility of Recommended Content	05.04.2012
808322	ALU	201280020642.7	ZL201280020642.7	CN	Semiconductor Optical Amplifier Device And Optical Matrix Switch	04.04.2012
808322	ALU	14/007850	US9083152	US	Semiconductor Optical Amplifier Device And Optical Matrix Switch	04.04.2012
809670	ALU	11306200.4	EP2574076	FR	Node Architecture For Fiber Mesh Networks	22.09.2011
809670	ALU	11306200.4	EP2574076	DE	Node Architecture For Fiber Mesh Networks	22.09.2011
809670	ALU	11306200.4	EP2574076	GB	Node Architecture For Fiber Mesh Networks	22.09.2011
814416	ALU	14/524323	US9603047	US	Application-Aware Load Balancing Across LTE Carriers	27.10.2014
812014	ALU	2015528911	JP5959748	JP	Learning enabler for automatic video orchestration in the context of video-conferences	05.06.2013
804662	ALU	09305185.2	EP2226932	FR	Radio frequency power amplifier with PAPR regulated power supply	02.03.2009
804662	ALU	09305185.2	EP2226932	DE	Radio frequency power amplifier with PAPR regulated power supply	02.03.2009
804662	ALU	09305185.2	EP2226932	GB	Radio frequency power amplifier with PAPR regulated power supply	02.03.2009
105680	ALU	06110951.8	EP1701473	FR	GUIDED DIAGNOSIS TREE REFINEMENT	10.03.2006
105680	ALU	06110951.8	EP1701473	DE	GUIDED DIAGNOSIS TREE REFINEMENT	10.03.2006
105680	ALU	06110951.8	EP1701473	GB	GUIDED DIAGNOSIS TREE REFINEMENT	10.03.2006
807562	ALU	10306363.2	EP2464088	FR	Broken Analogue-Front-End Detection via Reflectometry	07.12.2010
807562	ALU	10306363.2	EP2464088	DE	Broken Analogue-Front-End Detection via Reflectometry	07.12.2010
807562	ALU	10306363.2	EP2464088	GB	Broken Analogue-Front-End Detection via Reflectometry	07.12.2010
814444	ALU	14305072.2		EP	Efficient data crawling method for fast data ranking algorithm	20.01.2014
814523	ALU	13306382.6		EP	Method and Apparatus to automatically associate social interactions to the related TV programme	07.10.2013
814940	ALU	13290245.3		EP	Radio Head With Thermal Isolation	14.10.2013
139270	ALU	05745576.8	EP1745577	FR	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	DE	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	IT	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	ES	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	GB	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
Claussen 13-10-17-46 (H)	ALU	07776407.4	EP2018735	FR	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
Claussen 13-10-17-46 (H)	ALU	07776407.4	EP2018735	DE	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
Claussen 13-10-17-46 (H)	ALU	07776407.4	EP2018735	GB	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
814876	ALU	13306452.7		EP	Configurable Output Impedance For G.fast Line Driver In Power Down Mode	22.10.2013

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
814845	ALU	13290303.0		EP	Advanced DLM Technique To Improve G.INP Performance	06.12.2013
814951	ALU	13306538.3		EP	Cost-optimized Controller Architecture For Network Elements	12.11.2013
815149	ALU	14/035741	US9363382	US	CONFERENCE PRESENCE BASED MUSIC ON HOLD SUPPRESSION	24.09.2013
809226	ALU	11305780.6	EP2538568	FR	Binder Level Diagnosis	21.06.2011
809226	ALU	11305780.6	EP2538568	DE	Binder Level Diagnosis	21.06.2011
809226	ALU	11305780.6	EP2538568	GB	Binder Level Diagnosis	21.06.2011
803786	ALU	08305952.7	EP2200230	FR	ADAPTIVE PCN LEVELS	16.12.2008
803786	ALU	08305952.7	EP2200230	DE	ADAPTIVE PCN LEVELS	16.12.2008
803786	ALU	08305952.7	EP2200230	GB	ADAPTIVE PCN LEVELS	16.12.2008
Blahut 44 (DE)	ALU	00305858.3	EP1071288	FR	Video Controller	11.07.2000
Blahut 44 (DE)	ALU	00305858.3	EP1071288	DE	Video Controller	11.07.2000
Blahut 44 (DE)	ALU	00305858.3	EP1071288	GB	Video Controller	11.07.2000
810355	ALU	201180073213.1		CN	Incast-avoidance Scheme For Data Center Networks	06.09.2011
810355	ALU	11872079.6	EP2754274	EP	Incast-avoidance Scheme For Data Center Networks	06.09.2011
810355	ALU	1677/CHENP//2014		IN	Incast-avoidance Scheme For Data Center Networks	06.09.2011
810355	ALU	2014529595	JP5819530	JP	Incast-avoidance Scheme For Data Center Networks	06.09.2011
810355	ALU	14/237935	US9356878	US	Incast-avoidance Scheme For Data Center Networks	06.09.2011
809975	ALU	2012800475870		CN	A Method to manage call handover on a dual-mode smarphone between WiFi and cellular network	27.09.2012
809975	ALU	14/345710	US9319944	US	A Method to manage call handover on a dual-mode smarphone between WiFi and cellular network	27.09.2012
814314	ALU	55/DEL/2014		IN	A Method Of Selecting And Searching The Objects And Images Related Information On Pause Screen	07.01.2014
805891	ALU	09290929.0	EP2333990	FR	Stable optical MIMO transmission system over multimode-fiber	10.12.2009
805891	ALU	09290929.0	EP2333990	DE	Stable optical MIMO transmission system over multimode-fiber	10.12.2009
805891	ALU	09290929.0	EP2333990	GB	Stable optical MIMO transmission system over multimode-fiber	10.12.2009
804662	ALU	2013188069	JP5769771	JP	Radio frequency power amplifier with PAPR regulated power supply	10.02.2010
811784	ALU	201380060027.3		CN	DEgraded P2P Transparent Clock (DEPP)	27.08.2013
811784	ALU	2015532356	JP5932157	JP	DEgraded P2P Transparent Clock (DEPP)	27.08.2013
811784	ALU	20157010035	KR101594281	KR	DEgraded P2P Transparent Clock (DEPP)	27.08.2013
811784	ALU	14/429476	US9571216	US	DEgraded P2P Transparent Clock (DEPP)	27.08.2013
802718	ALU	08305215.9	EP2131614	FR	Broadcast services and DSL backhauled Femto Base Stations	30.05.2008
802718	ALU	08305215.9	EP2131614	DE	Broadcast services and DSL backhauled Femto Base Stations	30.05.2008
808232	ALU	11305258.3	EP2498520	FR	Automated video "twitting"	10.03.2011
808232	ALU	11305258.3	EP2498520	DE	Automated video "twitting"	10.03.2011
808232	ALU	11305258.3	EP2498520	GB	Automated video "twitting"	10.03.2011
815214	ALU	14/137047		US	Scotch: Scaling Up SDN Control-Plane Using vSwitch Based Overlay	20.12.2013
814311	ALU	201410005371.9		CN	Server-Based Conference Participant Quantity Independent Packet Acoustic Echo Cancellation	06.01.2014
809838	ALU	11305742.6	EP2536034	FR	Efficient Point-To-Multipoint Architecture	14.06.2011
809838	ALU	11305742.6	EP2536034	DE	Efficient Point-To-Multipoint Architecture	14.06.2011
809838	ALU	11305742.6	EP2536034	GB	Efficient Point-To-Multipoint Architecture	14.06.2011
139054	ALU	03026350.3	EP1432274	FR	PROTECTION REQUEST MESSAGES	18.11.2003
139054	ALU	03026350.3	EP1432274	DE	PROTECTION REQUEST MESSAGES	18.11.2003
139054	ALU	03026350.3	EP1432274	GB	PROTECTION REQUEST MESSAGES	18.11.2003
Khan 46 (FU)	ALU	05254150.5	EP1615460	FR	Cell Switching And Packet Combining In A Wireless Communication System	01.07.2005
Khan 46 (FU)	ALU	05254150.5	EP1615460	DE	Cell Switching And Packet Combining In A Wireless Communication System	01.07.2005
Khan 46 (FU)	ALU	05254150.5	EP1615460	GB	Cell Switching And Packet Combining In A Wireless Communication System	01.07.2005
815121	ALU	14305161.3		EP	MRPS Protection Per-Section Ring ID	05.02.2014
808214	ALU	2014541593	JP5947391	JP	WIFI mobility handover controlled by DECT mobility handover	26.10.2012
811130	ALU	13767327.3		EP	Low Profile Standoff With Tool Stop	26.03.2013
809182	ALU	2014521640	JP5883136	JP	Interface Between 3GPP Networks And 3GPP2 Networks For WAP Text Messaging	29.06.2012
809182	ALU	20147001195	KR101565765	KR	Interface Between 3GPP Networks And 3GPP2 Networks For WAP Text Messaging	29.06.2012
813016	ALU	13788849.1		EP	A Method of HAS Congestion Management In Wireless Network	25.10.2013
813016	ALU	201380056373.4		CN	A Method of HAS Congestion Management In Wireless Network	25.10.2013
813016	ALU	2015539840	JP6096309	JP	A Method of HAS Congestion Management In Wireless Network	25.10.2013
808933	ALU	14/237703		US	HTTP Adaptive Streaming With Network Hints	09.07.2012
807561	ALU	14/344238	US9124683	US	Diagnostic Engine	27.08.2012
800011	ALU	06301157.1	EP1924109	FR	Adaptive Indoor System	20.11.2006

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
800011	ALU	06301157.1	DE602006039102.1	DE	Adaptive Indoor System	20.11.2006
800011	ALU	06301157.1	EP1924109	GB	Adaptive Indoor System	20.11.2006
815318	ALU	13360037.9		EP	Method For Priority Scheduling Of Notification And Ad Messages For Efficient Network Communication	09.12.2013
802196	ALU	08290136.4	EP2091196	FR	COORDINATED PHANTOM MODE TRANSCEIVER	13.02.2008
802196	ALU	08290136.4	EP2091196	DE	COORDINATED PHANTOM MODE TRANSCEIVER	13.02.2008
802196	ALU	08290136.4	EP2091196	GB	COORDINATED PHANTOM MODE TRANSCEIVER	13.02.2008
809499	ALU	2012800307485	ZL201280030748.5	CN	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809499	ALU	2014-516282	JP5693791	JP	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809499	ALU	1020147000367	KR10-1562526	KR	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809499	ALU	14/122290	US9178655	US	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
808769	ALU	2012800318920	ZL2012800318920	CN	Digital post compensation of local oscillator phase noise for coherent receivers.	20.06.2012
810028	ALU	20147006349	KR101517383	KR	Method And Apparatus For Controlling Buffer Status Report Messaging	14.08.2012
106054	ALU	05301125.0	EP1804399	FR	SATELLITE BASED BTS	30.12.2005
106054	ALU	05301125.0	EP1804399	DE	SATELLITE BASED BTS	30.12.2005
106054	ALU	05301125.0	EP1804399	GB	SATELLITE BASED BTS	30.12.2005
808676	ALU	11305824.2	EP2541969	FR	Optical packet switch fabric featuring coherent detection for better statistical multiplexing	28.06.2011
808676	ALU	11305824.2	EP2541969	DE	Optical packet switch fabric featuring coherent detection for better statistical multiplexing	28.06.2011
808676	ALU	11305824.2	EP2541969	GB	Optical packet switch fabric featuring coherent detection for better statistical multiplexing	28.06.2011
802486	ALU	08290097.8	EP2086131	FR	Optical cross-connect architecture featuring modulation format-agile transmitters	04.02.2008
802486	ALU	08290097.8	EP2086131	DE	Optical cross-connect architecture featuring modulation format-agile transmitters	04.02.2008
802486	ALU	08290097.8	EP2086131	GB	Optical cross-connect architecture featuring modulation format-agile transmitters	04.02.2008
105271	ALU	04292448.0	EP1524802	FR	DYNAMIC REGULATION OF AVAILABLE WIRELESS NETWORK BANDWITH	14.10.2004
105271	ALU	04292448.0	EP1524802	DE	DYNAMIC REGULATION OF AVAILABLE WIRELESS NETWORK BANDWITH	14.10.2004
105271	ALU	04292448.0	EP1524802	GB	DYNAMIC REGULATION OF AVAILABLE WIRELESS NETWORK BANDWITH	14.10.2004
808636	ALU	2014528812	JP5886430	JP	Radio-Frequency Transmitter, Such As For Broadcasting And Cellular Base Stations	16.08.2012
810818	ALU	12778916.2		EP	System And Method For Load Balancing MMEs And MME Pools	15.10.2012
810818	ALU	2560/CHENP/2014		IN	System And Method For Load Balancing MMEs And MME Pools	15.10.2012
810818	ALU	2014537141	JP5901784	JP	System And Method For Load Balancing MMEs And MME Pools	15.10.2012
810818	ALU	20147010284	KR101574916	KR	System And Method For Load Balancing MMEs And MME Pools	15.10.2012
809277	ALU	2012800468773		CN	Service Registration, Discovery And Access Control Using WiFi Hotspots	14.09.2012
809277	ALU	2182/DELNP/2014		IN	Service Registration, Discovery And Access Control Using WiFi Hotspots	14.09.2012
809277	ALU	2014532312	JP6069327	JP	Service Registration, Discovery And Access Control Using WiFi Hotspots	14.09.2012
809277	ALU	20147008314	KR101567294	KR	Service Registration, Discovery And Access Control Using WiFi Hotspots	14.09.2012
809277	ALU	14/345678		US	Service Registration, Discovery And Access Control Using WiFi Hotspots	14.09.2012
814567	ALU	201410391681.9		CN	Historical Rating Support For Late Charging Event In Online Charging System	06.08.2014
809850	ALU	12753110.1		EP	Passive cache-based tracking	24.08.2012
809850	ALU	1187/DELNP/2014		IN	Passive cache-based tracking	24.08.2012
809850	ALU	2014527602	JP5795124	JP	Passive cache-based tracking	24.08.2012
809850	ALU	20147003499	KR101520751	KR	Passive cache-based tracking	24.08.2012
809850	ALU	14/237092		US	Passive cache-based tracking	24.08.2012
809893	ALU	201280046191.4	ZL201280046191.4	CN	Archive Control For Text Messages	05.09.2012
815216	ALU	14153338.0		EP	Method and apparatus to provide zapping recommendations between live video streams related to a public event	30.01.2014
815262	ALU	14305368.4		EP	Mechanism To Provide Control Over Internet Website Access	14.03.2014
809985	ALU	12735367.0		EP	Method And Apparatus For Assignment Of Virtual Resources Within A Cloud Environment	18.06.2012

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
150289	ALU	07859559.2	EP2070258	FR	Pluggable Node	31.07.2007
150289	ALU	07859559.2	EP2070258	DE	Pluggable Node	31.07.2007
150289	ALU	07859559.2	EP2070258	GB	Pluggable Node	31.07.2007
815148	ALU	14305363.5		EP	Method For Transparent Transfer Of PTP Event Messages Across An Medium With Asymmetrical Transfer Delay In Both Directions	13.03.2014
815341	ALU	14305473.2		EP	HomePlug Interference Detection Method For DSL Lines	01.04.2014
814889	ALU	14290318.6		EP	Content-based Buffer Management And Inter-stream Synchronization For Interactive Audio/video Communication Over The Web	21.10.2014
815178	ALU	14305259.5		EP	Prediction of video decoding duration for real-time encoding adaptation	25.02.2014
809234	ALU	14/350388	US9438394	US	Adaptive DSL	09.10.2012
815462	ALU	13306783.5		EP	Call Report Abuse	19.12.2013
815579	ALU	14305286.8		EP	Half Bandwidth Demultiplexing Duobinary Receiver Architecture	27.02.2014
812206	ALU	201380044903.3		CN	Direct Electronic Mail	15.08.2013
812206	ALU	2015529847		JP	Direct Electronic Mail	15.08.2013
Ma 29-67 (Z)	ALU	2014000292	JP5770867	JP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
815634	ALU	14/197307		US	Access Control Design For A Secure And Efficient RFID Data Communication	05.03.2014
809481	ALU	14/183646	US9185047	US	Hierarchical Profiled Scheduling And Shaping	19.02.2014
805187	ALU	10763807.4	EP2486701	FR	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	DE	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	IT	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	NL	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	ES	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	GB	Control and Use things through a video interaction	03.09.2010
807067	ALU	10305791.5	EP2410698	FR	Self-cleaning Rules	19.07.2010
807067	ALU	10305791.5	EP2410698	DE	Self-cleaning Rules	19.07.2010
807067	ALU	10305791.5	EP2410698	GB	Self-cleaning Rules	19.07.2010
808178	ALU	2014535751	JP5828533	JP	Networks And Methods For Paging Message Control	04.10.2012
808178	ALU	20147012367	KR101595758	KR	Networks And Methods For Paging Message Control	04.10.2012
Cai 127-43 (Y)	ALU	09708336.4	EP2241122	FR	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
Cai 127-43 (Y)	ALU	09708336.4	EP2241122	DE	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
Cai 127-43 (Y)	ALU	09708336.4	EP2241122	GB	A Method And Apparatus For Virtual WiFi Service With Authentication And Accounting Control	16.01.2009
815688	ALU	14305323.9		EP	System and Method For Improvement of User Loyalty During Video Watching	06.03.2014
121066	ALU	04293078.4	EP1675305	FR	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	22.12.2004
121066	ALU	04293078.4	EP1675305	DE	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	22.12.2004
121066	ALU	04293078.4	EP1675305	GB	META SIGNALLING FOR MULTI-RADIO TECHNOLOGIES	22.12.2004
808452	ALU	2014-528930	JP5886431	JP	Sound Continuity in Web TV and Home Video Applications	27.08.2012
809363	ALU	12778919.6		EP	Method For Selectively Exposing Subscriber Data	16.10.2012
809363	ALU	2014538833	JP6072051	JP	Method For Selectively Exposing Subscriber Data	16.10.2012
810606	ALU	12772683.4		EP	Providing Dynamic Reliability And Security In Communications Environments	01.10.2012
810606	ALU	20147009686	KR101513408	KR	Providing Dynamic Reliability And Security In Communications Environments	01.10.2012
810743	ALU	201280051261.5		CN	LTE Subscriber Identity Correlation Service	17.10.2012
806935	ALU	11717328.6	EP2537300	FR	Method And System For Common Group Action Filtering In Telecom Network Environments	07.02.2011
806935	ALU	11717328.6	EP2537300	DE	Method And System For Common Group Action Filtering In Telecom Network Environments	07.02.2011
806935	ALU	11717328.6	EP2537300	GB	Method And System For Common Group Action Filtering In Telecom Network Environments	07.02.2011
Bachl 7-27-23-11 (RW)	ALU	06788633.3	EP1913722	FR	Dedicated Control Channel Detection For Enhanced Dedicated Channel	28.07.2006
Bachl 7-27-23-11 (RW)	ALU	06788633.3	EP1913722	DE	Dedicated Control Channel Detection For Enhanced Dedicated Channel	28.07.2006
Bachl 7-27-23-11 (RW)	ALU	06788633.3	EP1913722	GB	Dedicated Control Channel Detection For Enhanced Dedicated Channel	28.07.2006
139250	ALU	05010934.7	EP1608106	FR	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	20.05.2005
139250	ALU	05010934.7	EP1608106	DE	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	20.05.2005
139250	ALU	05010934.7	EP1608106	GB	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	20.05.2005
810355	ALU	1020147005423	KR101709932	KR	Incast-avoidance Scheme For Data Center Networks	06.09.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
811712	ALU	201380018412.1		CN	System And Method For Implementing LDP LSR Overload Protection	04.04.2013
811712	ALU	13719646.5		EP	System And Method For Implementing LDP LSR Overload Protection	04.04.2013
811712	ALU	20147027870	KR101576412	KR	System And Method For Implementing LDP LSR Overload Protection	04.04.2013
811713	ALU	201380018772.1		CN	System And Method For Routable LDP LSR Identifier In IPv6 Networks	04.04.2013
811714	ALU	13717388.6		EP	System And Method Providing For Multiple LDP Instances	04.04.2013
811714	ALU	2015504736	JP5887460	JP	System And Method Providing For Multiple LDP Instances	04.04.2013
811714	ALU	20147027878	KR101620256	KR	System And Method Providing For Multiple LDP Instances	04.04.2013
811715	ALU	201380018820.7		CN	System And Method For Data-Plane Fate Separation Of LDP LSPs	04.04.2013
811459	ALU	201380028224.7		CN	MPLS-TE Overload	28.05.2013
811459	ALU	13728880.9		EP	MPLS-TE Overload	28.05.2013
811459	ALU	2015515107		JP	MPLS-TE Overload	28.05.2013
808610	ALU	201380009607.X	ZL201380009607.X	CN	Ad-Play Grace Period in Program Switch and Search Modes	11.02.2013
808610	ALU	2014-556997	JP5914700	JP	Ad-Play Grace Period in Program Switch and Search Modes	11.02.2013
808610	ALU	10-2014-7025736	KR10-1624541	KR	Ad-Play Grace Period in Program Switch and Search Modes	11.02.2013
808610	ALU	14/378457	US9462334	US	Ad-Play Grace Period in Program Switch and Search Modes	11.02.2013
815578	ALU	14306455.8		EP	Automatic content filtering for remote conferencing	22.09.2014
809670	ALU	20147009014	KR10-1521839	KR	Node Architecture For Fiber Mesh Networks	14.09.2012
809670	ALU	14/241241	US9203542	US	Node Architecture For Fiber Mesh Networks	14.09.2012
811965	ALU	14/388861		US	Orchestrating Connectivity Services For Maximizing Controlled Network Infrastructure (OCSN)	10.04.2013
115236	ALU	07300737.9	EP1947872	FR	Cognitive Radio Access Network	22.01.2007
115236	ALU	07300737.9	EP1947872	DE	Cognitive Radio Access Network	22.01.2007
115236	ALU	07300737.9	EP1947872	GB	Cognitive Radio Access Network	22.01.2007
805803	ALU	09290976.1	EP2337241	FR	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	18.12.2009
805803	ALU	09290976.1	EP2337241	DE	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	18.12.2009
805803	ALU	09290976.1	EP2337241	GB	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	18.12.2009
804305	ALU	09290325.1	EP2249493	FR	Learning packets to get faster coherent optical packet detectors	05.05.2009
804305	ALU	09290325.1	EP2249493	DE	Learning packets to get faster coherent optical packet detectors	05.05.2009
804305	ALU	09290325.1	EP2249493	GB	Learning packets to get faster coherent optical packet detectors	05.05.2009
802722	ALU	09151555.1	EP2086248	FR	Sequencing line tuning through RSVP	28.01.2009
802722	ALU	09151555.1	EP2086248	DE	Sequencing line tuning through RSVP	28.01.2009
802722	ALU	09151555.1	EP2086248	GB	Sequencing line tuning through RSVP	28.01.2009
806544	ALU	10290092.5	EP2362557	FR	MLSE In Coherent Optical Receiver For Narrow Optical Filtering Tolerance	24.02.2010
806544	ALU	10290092.5	EP2362557	DE	MLSE In Coherent Optical Receiver For Narrow Optical Filtering Tolerance	24.02.2010
806544	ALU	10290092.5	EP2362557	GB	MLSE In Coherent Optical Receiver For Narrow Optical Filtering Tolerance	24.02.2010
806832	ALU	10305699.0	EP2403053	FR	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	29.06.2010
806832	ALU	10305699.0	EP2403053	DE	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	29.06.2010
806832	ALU	10305699.0	EP2403053	GB	PCB Mounted Microwave Re-Entrant Resonators And Filters Thereof	29.06.2010
815827	ALU	14167163.6		EP	Congestion Avoidance For Packet Switched Network Equipments	06.05.2014
815836	ALU	14305546.5		EP	Method To Achieve 2d Modulation Formats Based On Intensity Modulations In prefixed Non-Orthogonal Directions	14.04.2014
811520	ALU	201380025940.X		CN	Active Queue Management Enhancements For Variable Bottleneck Rates	17.05.2013
811520	ALU	13728580.5		EP	Active Queue Management Enhancements For Variable Bottleneck Rates	17.05.2013
809667	ALU	201280056089.2		CN	System and Method for Interactive Online Video Preview	06.11.2012
809667	ALU	2014-541605	JP6063952	JP	System and Method for Interactive Online Video Preview	06.11.2012
Sydorenko 8-8 (O)	ALU	2014023115	JP5847214	JP	Organic Semiconductor Compositions With Nanoparticles	08.06.2007
Balachandran 45-11-3-36 (K)	ALU	08725430.6	EP2122941	FR	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
Balachandran 45-11-3-36 (K)	ALU	08725430.6	EP2122941	DE	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
Balachandran 45-11-3-36 (K)	ALU	08725430.6	EP2122941	GB	Method Of Providing Feedback To A Media Server In A Wireless Communication System	11.02.2008
810398	ALU	201380012320.2	ZL201380012320.2	CN	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
810398	ALU	13714054.7		EP	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
813718	ALU	201380012482.6		CN	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
813718	ALU	13711561.4		EP	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
813718	ALU	2014561038	JP6109860	JP	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
811418	ALU	2014557694	JP6110882	JP	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
811418	ALU	20147022396	KR101593353	KR	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
815665	ALU	14305603.4	EP2937933	EP	Low-Profile Wideband Radiating Antenna Element With Circumferential Topology	24.04.2014
815677	ALU	14305800.6		EP	High Dynamic Range Attenuator	28.05.2014
810947	ALU	12290031.9	EP2621208	FR	Generic Technique To Predict System Performance And Energy Consumption In Celluar Networks For Self-Configuration+Optimization Of Many Coupled+Interacting Parameters	27.01.2012
810947	ALU	12290031.9	EP2621208	DE	Generic Technique To Predict System Performance And Energy Consumption In Celluar Networks For Self-Configuration+Optimization Of Many Coupled+Interacting Parameters	27.01.2012
810947	ALU	12290031.9	EP2621208	GB	Generic Technique To Predict System Performance And Energy Consumption In Celluar Networks For Self-Configuration+Optimization Of Many Coupled+Interacting Parameters	27.01.2012
809733	ALU	2012800596733	ZL2012800596733	CN	Packet-Based Propagation Of Testing Information	21.09.2012
815726	ALU	14290123.0		EP	Method To Mimize Load On Mobile Radio Installations	28.04.2014
809339	ALU	11306177.4	EP2571190	FR	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	19.09.2011
809339	ALU	11306177.4	EP2571190	DE	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	19.09.2011
809339	ALU	11306177.4	EP2571190	GB	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	19.09.2011
809339	ALU	2014530135	JP6141849	JP	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	14.08.2012
809339	ALU	20147010254	KR101699270	KR	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	14.08.2012
808210	ALU	11189088.5	EP2458757	FR	Link by Link Transparent Clock (LiLi)	15.11.2011
808210	ALU	11189088.5	EP2458757	DE	Link by Link Transparent Clock (LiLi)	15.11.2011
808210	ALU	11189088.5	EP2458757	GB	Link by Link Transparent Clock (LiLi)	15.11.2011
810152	ALU	CN2012800582938	ZL201280058293.8	CN	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	06.11.2012
810152	ALU	2014-542756	JP5878985	JP	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	06.11.2012
811548	ALU	2013800110715		CN	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	21.02.2013
811548	ALU	6364/CHENP/2014		IN	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	21.02.2013
811548	ALU	2014559153	JP6082408	JP	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	21.02.2013
811548	ALU	20147023736	KR101588991	KR	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	21.02.2013
811548	ALU	14/381700		US	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	21.02.2013
Anderson 11-6-8 (TW)	ALU	07750675.6	EP1989842	FR	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
Anderson 11-6-8 (TW)	ALU	07750675.6	EP1989842	DE	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
Anderson 11-6-8 (TW)	ALU	07750675.6	EP1989842	GB	Method And Apparatus For Real-Time Application-Driven Resource Management In Next Generation Networks	12.02.2007
805480	ALU	10788094.0	EP2522091	DE	Optical network exploiting adaptive bit-rate Transponders for "soft" protection	16.12.2010
805480	ALU	10788094.0	EP2522091	GB	Optical network exploiting adaptive bit-rate Transponders for "soft" protection	16.12.2010
815593	ALU	14/480976	US9425493	US	Inverted Pedestal Dielectric Resonator Filters With Transmission Zeros	09.09.2014
815487	ALU	14305985.5	EP2961113	EP	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	24.06.2014
810948	ALU	12290033.5	EP2621211	FR	Self Learning Techniques For SON Entities In Basestations	27.01.2012
810948	ALU	12290033.5	EP2621211	DE	Self Learning Techniques For SON Entities In Basestations	27.01.2012
810948	ALU	12290033.5	EP2621211	GB	Self Learning Techniques For SON Entities In Basestations	27.01.2012
810535	ALU	11306208.7	EP2573946	FR	Bit Swap Reject, Forcing Bi Swap Only	23.09.2011

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
810535	ALU	11306208.7	EP2573946	DE	Bit Swap Reject, Forcing Bi Swap Only	23.09.2011
810535	ALU	11306208.7	EP2573946	GB	Bit Swap Reject, Forcing Bi Swap Only	23.09.2011
809841	ALU	2012800624358	ZL2012800624358	CN	Non-disruptive, DELT-based Localization And Identification Of Impairments	19.11.2012
809841	ALU	2014-550659	JP5881863	JP	Non-disruptive, DELT-based Localization And Identification Of Impairments	19.11.2012
809841	ALU	20147018918	KR101624819	KR	Non-disruptive, DELT-based Localization And Identification Of Impairments	19.11.2012
809841	ALU	14/357617	US9178986	US	Non-disruptive, DELT-based Localization And Identification Of Impairments	19.11.2012
810912	ALU	2012800657756	ZL201280065775.6	CN	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	12.09.2012
811449	ALU	2013800308533	ZL2013800308533	CN	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	22.05.2013
811449	ALU	2015516536	JP5913744	JP	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	22.05.2013
811449	ALU	20157000455	KR10-1629618	KR	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	22.05.2013
806401	ALU	10306298.0	EP2458923	FR	MDC Video Services Usage For Efficient Green Transmission	26.11.2010
806401	ALU	10306298.0	EP2458923	DE	MDC Video Services Usage For Efficient Green Transmission	26.11.2010
806401	ALU	10306298.0	EP2458923	GB	MDC Video Services Usage For Efficient Green Transmission	26.11.2010
815091	ALU	14/305774		US	A Method Of Cross-Media Unified Targeted Advertisement	16.06.2014
815631	ALU	14306019.2		EP	Assisted Navigation For Uhdtv Interactive Consumption	27.06.2014
Cai 55-2-2-4-1-10 (Y)	ALU	07762569.7	EP1977554	FR	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Cai 55-2-2-4-1-10 (Y)	ALU	07762569.7	EP1977554	DE	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Cai 55-2-2-4-1-10 (Y)	ALU	07762569.7	EP1977554	GB	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Feder 21-7-18-17-25 (PM)	ALU	14/256514	US9544809	US	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	18.04.2014
807153	ALU	11183709.2	EP2579655	FR	Self adaptation power for Broadcast area in 3GPP networks	03.10.2011
807153	ALU	11183709.2	EP2579655	DE	Self adaptation power for Broadcast area in 3GPP networks	03.10.2011
807153	ALU	11183709.2	EP2579655	GB	Self adaptation power for Broadcast area in 3GPP networks	03.10.2011
811077	ALU	201380013321.9	ZL201380013321.9	CN	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
811077	ALU	13708321.8	EP2823624	EP	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
811077	ALU	2014560943	JP5889445	JP	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
811077	ALU	20147028162	KR101568977	KR	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
815047	ALU	14306953.2		EP	Multicore Amplifier	05.12.2014
815534	ALU	14305635.6		EP	Virtualised Home CDN In Wired Access Node	29.04.2014
810770	ALU	2012800559999	ZL2012800559999	CN	Wideband, Low-Profile, Small-Footprint Antenna Element	05.11.2012
810770	ALU	3515/CHENP/2014		IN	Wideband, Low-Profile, Small-Footprint Antenna Element	05.11.2012
810770	ALU	2014541556	JP5931210	JP	Wideband, Low-Profile, Small-Footprint Antenna Element	05.11.2012
810770	ALU	20137013067	KR101528442	KR	Wideband, Low-Profile, Small-Footprint Antenna Element	05.11.2012
810770	ALU	14/358549	US9287617	US	Wideband, Low-Profile, Small-Footprint Antenna Element	05.11.2012
815698	ALU	14290222.0		EP	Method To Preserve APS Channel Integrity During ODUk Frame Slips	31.07.2014
815764	ALU	14290252.7		EP	Adopting Standard Otuk Containers To Flexible Optical Bandwidth	19.08.2014
809805	ALU	14/370614		US	Automated Pan-Tilt-Zoom Optimization	17.12.2012
815777	ALU	2129/DEL/2014		IN	Intelligent Call Rejection Announcement	28.07.2014
815224	ALU	1919/DEL/2014		IN	Action Triggers Based On Exif Info	09.07.2014
815570	ALU	14/321045	US9474028	US	Battery Based Mptcp Optimization For Wifi / 3gpp Interworking	01.07.2014
807731	ALU	11173824.1	EP2547154	FR	Smart frame filling and composition for Energy Efficient eNodeB	13.07.2011
807731	ALU	11173824.1	EP2547154	DE	Smart frame filling and composition for Energy Efficient eNodeB	13.07.2011
807731	ALU	11173824.1	EP2547154	GB	Smart frame filling and composition for Energy Efficient eNodeB	13.07.2011
808426	ALU	11290176.4	EP2509217	FR	Tunable Reed Resonator Based Rf Power Transmitter	07.04.2011
808426	ALU	11290176.4	EP2509217	DE	Tunable Reed Resonator Based Rf Power Transmitter	07.04.2011
808426	ALU	11290176.4	EP2509217	GB	Tunable Reed Resonator Based Rf Power Transmitter	07.04.2011
809322[1]	ALU	14/269673	US8947766	US	InP-Based Comb Generator For Optical OFDM	05.05.2014
810291	ALU	2014-543819	JP5833253	JP	High-precision OTN Delay Measurement	17.10.2012
809499	ALU	11305776.4	EP2538596	FR	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	21.06.2011
809499	ALU	11305776.4	EP2538596	DE	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	21.06.2011

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
809499	ALU	11305776.4	EP2538596	GB	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	21.06.2011
807561	ALU	11306261.6	EP2575342	FR	Diagnostic Engine	30.09.2011
807561	ALU	11306261.6	EP2575342	DE	Diagnostic Engine	30.09.2011
807561	ALU	11306261.6	EP2575342	GB	Diagnostic Engine	30.09.2011
Menten 4 (LE)	ALU	09770506.5	EP2316201	FR	Processing Of Packet Fragments	28.04.2009
Menten 4 (LE)	ALU	09770506.5	EP2316201	DE	Processing Of Packet Fragments	28.04.2009
Menten 4 (LE)	ALU	09770506.5	EP2316201	GB	Processing Of Packet Fragments	28.04.2009
810925	ALU	14/458438		US	Apparatus And Method For Managing Storage Of Data Blocks	13.08.2014
810385	ALU	20147022049	KR101603465	KR	Instantaneous Detection Of Missing POTS Splitter	05.02.2013
810385	ALU	14/371686	US9160841	US	Instantaneous Detection Of Missing POTS Splitter	05.02.2013
816023	ALU	14305727.1	EP2947818	EP	Method For A Fast, Incremental Optimization Of Deployed Photonic Networks	19.05.2014
810326	ALU	12305708.5	EP2677825	FR	Enhanced Scheduler Architecture For Enabling Of Multi Operator Spectrum Sharing/ Virtualization	21.06.2012
810326	ALU	12305708.5	EP2677825	DE	Enhanced Scheduler Architecture For Enabling Of Multi Operator Spectrum Sharing/ Virtualization	21.06.2012
810326	ALU	12305708.5	EP2677825	GB	Enhanced Scheduler Architecture For Enabling Of Multi Operator Spectrum Sharing/ Virtualization	21.06.2012
811055	ALU	201380021916.9		CN	Methods Of Allocating Resources In A System And Systems Implementing The Same	09.04.2013
811055	ALU	13725853.9		EP	Methods Of Allocating Resources In A System And Systems Implementing The Same	09.04.2013
811055	ALU	2015508999	JP6042973	JP	Methods Of Allocating Resources In A System And Systems Implementing The Same	09.04.2013
811055	ALU	20147029598	KR101595689	KR	Methods Of Allocating Resources In A System And Systems Implementing The Same	09.04.2013
808214	ALU	11306489.3	EP2595426	FR	WIFI mobility handover controlled by DECT mobility handover	15.11.2011
808214	ALU	11306489.3	EP2595426	DE	WIFI mobility handover controlled by DECT mobility handover	15.11.2011
808214	ALU	11306489.3	EP2595426	GB	WIFI mobility handover controlled by DECT mobility handover	15.11.2011
Kramer 9-16-6 (GG)	ALU	11171128.9	EP2385672	FR	Determining A Channel Matrix By Measuring Interference	23.06.2011
Kramer 9-16-6 (GG)	ALU	11171128.9	EP2385672	DE	Determining A Channel Matrix By Measuring Interference	23.06.2011
Kramer 9-16-6 (GG)	ALU	11171128.9	EP2385672	GB	Determining A Channel Matrix By Measuring Interference	23.06.2011
Balachandran 47-12-4-42 (K)	ALU	14/300790	US9203886	US	Content Rate Control For Streaming Media Servers	10.06.2014
104082	ALU	03290721.4	EP1347592	FR	FULLY TRANSPARENT HIERARCHICAL RING NETWORK	21.03.2003
104082	ALU	03290721.4	EP1347592	DE	FULLY TRANSPARENT HIERARCHICAL RING NETWORK	21.03.2003
104082	ALU	03290721.4	EP1347592	GB	FULLY TRANSPARENT HIERARCHICAL RING NETWORK	21.03.2003
812035	ALU	12306150.9	EP2712160	FR	Method For Remote Detection Of Reversed POTS Splitters	24.09.2012
812035	ALU	12306150.9	EP2712160	DE	Method For Remote Detection Of Reversed POTS Splitters	24.09.2012
812035	ALU	12306150.9	EP2712160	GB	Method For Remote Detection Of Reversed POTS Splitters	24.09.2012
807856	ALU	11305210.4	EP2496019	FR	Flow control of load information exchange between RAT	28.02.2011
807856	ALU	11305210.4	EP2496019	DE	Flow control of load information exchange between RAT	28.02.2011
807856	ALU	11305210.4	EP2496019	GB	Flow control of load information exchange between RAT	28.02.2011
809993	ALU	11306718.5	EP2608410	FR	Baseband Pre-Compensation Of Distortions Introduced By Pulse Width Modulation	21.12.2011
809993	ALU	11306718.5	EP2608410	DE	Baseband Pre-Compensation Of Distortions Introduced By Pulse Width Modulation	21.12.2011
809993	ALU	11306718.5	EP2608410	GB	Baseband Pre-Compensation Of Distortions Introduced By Pulse Width Modulation	21.12.2011
809225	ALU	201380017968.9		CN	IPTV Deadstream Detection	20.02.2013
809225	ALU	1020147030075	KR101521840	KR	IPTV Deadstream Detection	20.02.2013
814365	ALU	103121722	TWI1551072	TW	Stable Vectoring Despite Decision Errors in Error Feedback	24.06.2014
804752	ALU	09789737.5	EP2438708	FR	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	01.06.2009
804752	ALU	09789737.5	EP2438708	DE	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	01.06.2009
810732	ALU	2014-557726	JP5808507	JP	Methods And Systems For Reducing Crosstalk	12.02.2013
810732	ALU	20147022878	KR101579398	KR	Methods And Systems For Reducing Crosstalk	12.02.2013
808353	ALU	11360020.9	EP2528396	FR	Efficient Transmit and Receive Processing With Non-Zero Error Probability	27.05.2011
808353	ALU	11360020.9	EP2528396	DE	Efficient Transmit and Receive Processing With Non-Zero Error Probability	27.05.2011
808353	ALU	11360020.9	EP2528396	GB	Efficient Transmit and Receive Processing With Non-Zero Error Probability	27.05.2011
816274	ALU	14306186.9		EP	Signaling For Packet Switched Network Equipments Handling Coherent Emissions	22.07.2014

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
816322	ALU	14290275.8		EP	Method And Device For Optimal Bandwidth Reservation For Deadline-Aware Traffic	12.09.2014
816083	ALU	14306083.8		EP	Multi-Band Radiating Element Based On Single Contiguous Radiator	03.07.2014
Haimi-Cohen 16-4 (R)	ALU	10716983.1	EP2430795	GB	Fast Channel Change Handling Of Late Multicast Join	29.04.2010
815996	ALU	14307059.7		EP	Routable Distributed DataBase (RDDB)	17.12.2014
137821	ALU	05300047.7	EP1560398	FR	IP Flow Limiting	20.01.2005
137821	ALU	05300047.7	EP1560398	DE	IP Flow Limiting	20.01.2005
137821	ALU	05300047.7	EP1560398	GB	IP Flow Limiting	20.01.2005
808936	ALU	201380006970.6		CN	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	11.01.2013
808936	ALU	2014553657		JP	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	11.01.2013
808936	ALU	20147020711		KR	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	11.01.2013
808936	ALU	14/374801		US	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	11.01.2013
812643	ALU	14305979.8		EP	Printed Circuit Board Skew Control By Local Deposition Of Material With Controlled Dielectric Constant	23.06.2014
804752	ALU	14/302267	US9641696	US	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	11.06.2014
808299	ALU	11305414.2	EP2509245	GB	Adaptive Generation of Optimal DSLAM Service & Spectrum Profiles	08.04.2011
811750	ALU	201380025236.4	ZL201380025236.4	CN	Deadline Based Priority Mapping For HTTP Adaptive Streaming	06.05.2013
811750	ALU	2015-511987	JP5990640	JP	Deadline Based Priority Mapping For HTTP Adaptive Streaming	06.05.2013
811750	ALU	10-2014-7034775		KR	Deadline Based Priority Mapping For HTTP Adaptive Streaming	06.05.2013
811750	ALU	14/400712	US9723049	US	Deadline Based Priority Mapping For HTTP Adaptive Streaming	06.05.2013
811041	ALU	6159/CHENP/2014		IN	Detachable base station	18.01.2013
811041	ALU	20147022501		KR	Detachable base station	18.01.2013
816527	ALU	14306020.0		EP	Assisted Navigation For Uhdtv Interactive Consumption	27.06.2014
816375	ALU	14306493.9		EP	Resource Allocation Methods over Asymmetric Optical Transport Networks (RAMA)	26.09.2014
816124	ALU	14/958422		US	Automated Data Quota Management In Group Plans By Subscribers	03.12.2015
816177	ALU	14/575696	US9585153	US	Method And Apparatus For Improved Carrier Aggregation Access Control	18.12.2014
815602	ALU	201410306788.9		CN	A One-Hand Control Method On Touch Screen Device	30.06.2014
816568	ALU	14177676.5		EP	Presence-based Nested Capability Discovery	18.07.2014
804522	ALU	2014132477		JP	Traffic and Interference Aware Resource Management	20.09.2010
802793	ALU	08305338.9	EP2139186	FR	Multiuser receiver scheme for RDMA (Radial Space Division Multiple Access)	27.06.2008
802793	ALU	08305338.9	EP2139186	DE	Multiuser receiver scheme for RDMA (Radial Space Division Multiple Access)	27.06.2008
802793	ALU	08305338.9	EP2139186	GB	Multiuser receiver scheme for RDMA (Radial Space Division Multiple Access)	27.06.2008
815846	ALU	14/501359		US	Verifying And Troubleshooting Inter-Chassis Optical Connections Using Fiber Loopback Via Optical Crossbars	30.09.2014
811449	ALU	12305672.3	EP2675074	FR	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	13.06.2012
811449	ALU	12305672.3	EP2675074	DE	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	13.06.2012
811449	ALU	12305672.3	EP2675074	GB	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	13.06.2012
807510	ALU	2014136595	JP5791766	JP	Method And Apparatus For Local Gateway Assignment In Wireless Networks	22.11.2011
800972	ALU	03292737.8	EP1528832	FR	Method for distributing a set of data, radiocommunication network and wireless station for implementing the method	03.11.2003
800972	ALU	03292737.8	EP1528832	DE	Method for distributing a set of data, radiocommunication network and wireless station for implementing the method	03.11.2003
800972	ALU	03292737.8	EP1528832	GB	Method for distributing a set of data, radiocommunication network and wireless station for implementing the method	03.11.2003
811701	ALU	12305674.9	EP2690420	FR	eOTDR Crosstalk Mitigation Through Digital Signal Processing	14.06.2012
811701	ALU	12305674.9	EP2690420	DE	eOTDR Crosstalk Mitigation Through Digital Signal Processing	14.06.2012
811701	ALU	12305674.9	EP2690420	GB	eOTDR Crosstalk Mitigation Through Digital Signal Processing	14.06.2012
816608	ALU	14/478406	US9525661	US	Efficient Method Of NAT Without Reassembling IPV4 Fragments	05.09.2014
810733	ALU	201380009662.9	ZL201380009662.9	CN	Methods And Systems For Reducing Crosstalk	11.02.2013
810733	ALU	13705701.4		EP	Methods And Systems For Reducing Crosstalk	11.02.2013
810733	ALU	2014-557711	JP6014686	JP	Methods And Systems For Reducing Crosstalk	11.02.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
813719	ALU	14723625.1		EP	System And Method For Improving Network Efficiency Using MVPN Site-Type Attribute	07.04.2014
813719	ALU	2016507581		JP	System And Method For Improving Network Efficiency Using MVPN Site-Type Attribute	07.04.2014
805928	ALU	1020147021770	KR101517746	KR	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	09.02.2011
802519	ALU	08170415.7	EP2079179	FR	Optical network with self learning of its quality	02.12.2008
802519	ALU	08170415.7	EP2079179	DE	Optical network with self learning of its quality	02.12.2008
802519	ALU	08170415.7	EP2079179	GB	Optical network with self learning of its quality	02.12.2008
807367	ALU	2014155944	JP5992476	JP	Event Based Social Networking Application	02.05.2011
811063	ALU	12290153.1	EP2661096	FR	Failure detection of an optical packet switching node	04.05.2012
811063	ALU	12290153.1	EP2661096	DE	Failure detection of an optical packet switching node	04.05.2012
811063	ALU	12290153.1	EP2661096	GB	Failure detection of an optical packet switching node	04.05.2012
809388	ALU	2013800262667	ZL2013800262667	CN	Mixed POADM-ROADM Optical Transport System	20.02.2013
809388	ALU	8431/DELNP/2014		IN	Mixed POADM-ROADM Optical Transport System	20.02.2013
809388	ALU	2015503794	JP5938516	JP	Mixed POADM-ROADM Optical Transport System	20.02.2013
Guo 16-83-66 (KH)	ALU	07753388.3	EP2002599	FR	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
815719[1]	ALU	14/502239	US9578099	US	Network-Coded Caching-Aided Multicast For Efficient Content Delivery	30.09.2014
Bosch 29-1 (P)	ALU	201410515543.7		CN	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
811771	ALU	12360041.3	EP2667507	FR	Novel Linearisation Scheme For Cost Reduced Digital Doherty Applications	21.05.2012
811771	ALU	12360041.3	EP2667507	DE	Novel Linearisation Scheme For Cost Reduced Digital Doherty Applications	21.05.2012
811771	ALU	12360041.3	EP2667507	GB	Novel Linearisation Scheme For Cost Reduced Digital Doherty Applications	21.05.2012
808769	ALU	11305827.5	EP2541810	FR	Digital post compensation of local oscillator phase noise for coherent receivers.	29.06.2011
808769	ALU	11305827.5	EP2541810	DE	Digital post compensation of local oscillator phase noise for coherent receivers.	29.06.2011
808769	ALU	11305827.5	EP2541810	GB	Digital post compensation of local oscillator phase noise for coherent receivers.	29.06.2011
816886	ALU	14/492049		US	A Method Of Streaming Multimedia Content On Internet Of Things (IoT) Devices With Limited Memory	21.09.2014
816923	ALU	14306439.2		EP	Fast Start and Zap For HTTP Adaptive Streaming	18.09.2014
808435	ALU	10306358.2	EP2464034	FR	Correcting Artefacts In Embedded OTDR	06.12.2010
808435	ALU	10306358.2	EP2464034	DE	Correcting Artefacts In Embedded OTDR	06.12.2010
808435	ALU	10306358.2	EP2464034	GB	Correcting Artefacts In Embedded OTDR	06.12.2010
809989	ALU	12305931.3	EP2693769	FR	Petabit-class packet switch architecture	30.07.2012
804683	ALU	10727629.7	EP2449733	DE	Linking Inner and Outer MPLS Labels	22.06.2010
804683	ALU	10727629.7	EP2449733	GB	Linking Inner and Outer MPLS Labels	22.06.2010
105478	ALU	05300858.7	EP1657865	FR	Sanity Proved BGP-update message	26.10.2005
105478	ALU	05300858.7	EP1657865	DE	Sanity Proved BGP-update message	26.10.2005
105478	ALU	05300858.7	EP1657865	IT	Sanity Proved BGP-update message	26.10.2005
105478	ALU	05300858.7	EP1657865	ES	Sanity Proved BGP-update message	26.10.2005
105752	ALU	05300180.6	EP1701488	FR	ROUTING USING DE-CORRELATED ADD DROP ADVERTISEMENT	11.03.2005
105752	ALU	05300180.6	EP1701488	DE	ROUTING USING DE-CORRELATED ADD DROP ADVERTISEMENT	11.03.2005
105752	ALU	05300180.6	EP1701488	GB	ROUTING USING DE-CORRELATED ADD DROP ADVERTISEMENT	11.03.2005
121312	ALU	07290716.5	EP2001153	DE	DYNAMIC CODE MANAGEMENT BASED ON INTERPOLATED OR EXTRAPOLATED IMPULSE NOISE MEASUREMENTS.	08.06.2007
121312	ALU	07290716.5	EP2001153	GB	DYNAMIC CODE MANAGEMENT BASED ON INTERPOLATED OR EXTRAPOLATED IMPULSE NOISE MEASUREMENTS.	08.06.2007
807675	ALU	11290224.2	EP2523344	FR	Power Amplifier as a DAC (PADAC)	12.05.2011
807675	ALU	11290224.2	EP2523344	DE	Power Amplifier as a DAC (PADAC)	12.05.2011
807675	ALU	11290224.2	EP2523344	GB	Power Amplifier as a DAC (PADAC)	12.05.2011
816836	ALU	14306712.2		EP	QoE Based SCAP Scheduling Control	28.10.2014
816545	ALU	201410659201.2		CN	Method And System To Support Instant Advertisement	18.11.2014
816774	ALU	14/884362		US	Dynamic Selection Of Supported Band Combinations In Carrier Aggregation Capable Ues	15.10.2015
816867	ALU	15306495.1		EP	Polarization Diversity Semiconductor Optical Amplifier Module With Automatic Power Control	25.09.2015
816414	ALU	14197026.9		EP	Reliability Management Of Green Transmission Interfaces	09.12.2014
816488	ALU	14307076.1		EP	FESLA (FEC Extensions For Storage Label Allocation)	18.12.2014
817078	ALU	14/573861		US	Using Global Variables To Data-Drive Rule Engine Evaluation	17.12.2014
809557	ALU	11177478.2	EP2562978	FR	Design Of A Content Router	12.08.2011
809557	ALU	11177478.2	EP2562978	DE	Design Of A Content Router	12.08.2011

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804722	ALU	2014209060	JP5953354	JP	Techniques for Caching and Pre-fetching of Mobile Content At the Network Edge Based on Prediction of Users' Locations and Content Demands	14.10.2014
811474	ALU	12305887.7	EP2688217	FR	Iterative Multi-Channel Multi-Tone Crosstalk Acquisition And Compensation	20.07.2012
811474	ALU	12305887.7	EP2688217	DE	Iterative Multi-Channel Multi-Tone Crosstalk Acquisition And Compensation	20.07.2012
811474	ALU	12305887.7	EP2688217	GB	Iterative Multi-Channel Multi-Tone Crosstalk Acquisition And Compensation	20.07.2012
815909	ALU	201410693536.6		CN	A Policy And Charging Control Solution For Sponsored Data In LTE Data Network	26.11.2014
805660	ALU	09306266.9	EP2337278	FR	IP-only or CLNP-only links in a dual environment	18.12.2009
805660	ALU	09306266.9	EP2337278	DE	IP-only or CLNP-only links in a dual environment	18.12.2009
805660	ALU	09306266.9	EP2337278	GB	IP-only or CLNP-only links in a dual environment	18.12.2009
Hofmann 19-7 (MA)	ALU	06845467.7	EP1961190	FR	Method And Network For Providing Service Blending To A Subscriber	14.12.2006
Hofmann 19-7 (MA)	ALU	06845467.7	EP1961190	DE	Method And Network For Providing Service Blending To A Subscriber	14.12.2006
Hofmann 19-7 (MA)	ALU	06845467.7	EP1961190	GB	Method And Network For Providing Service Blending To A Subscriber	14.12.2006
812223	ALU	2015-527876	JP6133986	JP	Reverse Hold-Over Detection	19.08.2013
812223	ALU	14/416467	US9537446	US	Reverse Hold-Over Detection	19.08.2013
817108	ALU	15151496.5		EP	Efficient Spatially Coupled Coding with Minimal Rate Loss	16.01.2015
810997	ALU	201380040955.3		CN	Cell Phone Enabled Visual Mute	30.07.2013
810997	ALU	2015524764		JP	Cell Phone Enabled Visual Mute	30.07.2013
810997	ALU	10-2015-7003790		KR	Cell Phone Enabled Visual Mute	30.07.2013
810997	ALU	14/416913		US	Cell Phone Enabled Visual Mute	30.07.2013
816930	ALU	15152524.3		EP	LTE Diversity Synchronisation	26.01.2015
809989	ALU	20157005359	KR101730885	KR	Petabit-class packet switch architecture	25.04.2013
809989	ALU	14/400704	US9531495	US	Petabit-class packet switch architecture	25.04.2013
Claussen 13-10-17-46 (H)	ALU	14/589408	US9215722	US	Method And Apparatus For Managing Interference In A Wireless Communication System	05.01.2015
811450	ALU	201380042827.2		CN	Targeted Advertisement Board	08.08.2013
811450	ALU	2015526938		JP	Targeted Advertisement Board	08.08.2013
811450	ALU	14/421370		US	Targeted Advertisement Board	08.08.2013
812529	ALU	201380062211.1		CN	HAS Client Procedure To Learn The Network Behaviour	25.11.2013
812529	ALU	2015544425	JP6147866	JP	HAS Client Procedure To Learn The Network Behaviour	25.11.2013
812529	ALU	14/648441	US9357273	US	HAS Client Procedure To Learn The Network Behaviour	25.11.2013
812035	ALU	14/418225	US9312916	US	Method For Remote Detection Of Reversed POTS Splitters	24.07.2013
812534	ALU	2013800481537		CN	Diagnostic Of Bad Configuration Of DPBO Parameters	23.07.2013
812534	ALU	2015531500	JP6063574	JP	Diagnostic Of Bad Configuration Of DPBO Parameters	23.07.2013
812534	ALU	14/419473	US9300358	US	Diagnostic Of Bad Configuration Of DPBO Parameters	23.07.2013
812555	ALU	201380072510.3		CN	Out Of Path Transparent Caching	21.11.2013
812555	ALU	2015545729		JP	Out Of Path Transparent Caching	21.11.2013
812555	ALU	14/650105		US	Out Of Path Transparent Caching	21.11.2013
812433	ALU	201380073289.3		CN	Efficient Setup For Privacy-Preserving Database System	18.12.2013
812433	ALU	13821286.5		EP	Efficient Setup For Privacy-Preserving Database System	18.12.2013
Bosch 29-1 (P)	ALU	12197969.4	EP2574139	FR	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	12197969.4	EP2574139	DE	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	12197969.4	EP2574139	GB	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
139048	ALU	201410741257.2		CN	LAYER 4 THROUGH 7 SERVER CARD HOSTED BY THE DSLAM	15.12.2003
811448	ALU	12306034.5	EP2704331	FR	Automatic Optimization Of VCE Parameters In DSL Vectored Systems	30.08.2012
811448	ALU	12306034.5	EP2704331	DE	Automatic Optimization Of VCE Parameters In DSL Vectored Systems	30.08.2012
811448	ALU	12306034.5	EP2704331	GB	Automatic Optimization Of VCE Parameters In DSL Vectored Systems	30.08.2012
807985	ALU	12701194.8	EP2664110	FR	Single Early Discard for Reduced Delay in Network Buffers	05.01.2012
807985	ALU	12701194.8	EP2664110	DE	Single Early Discard for Reduced Delay in Network Buffers	05.01.2012
807985	ALU	12701194.8	EP2664110	GB	Single Early Discard for Reduced Delay in Network Buffers	05.01.2012
812114	ALU	2015550091		JP	Packet reflective optical Selector & Detector	27.12.2013
812114	ALU	14/654935	US9537597	US	Packet reflective optical Selector & Detector	27.12.2013

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
802031	ALU	07291609.1	EP2073462	GB	Service Layer Contract ID in the pathkey extension	21.12.2007
811895	ALU	201380048445.0		CN	Improved Administration Approval Process For Critical Operations In Computer Systems	13.09.2013
811895	ALU	2015532324		JP	Improved Administration Approval Process For Critical Operations In Computer Systems	13.09.2013
811895	ALU	20157006909		KR	Improved Administration Approval Process For Critical Operations In Computer Systems	13.09.2013
811895	ALU	14/423967		US	Improved Administration Approval Process For Critical Operations In Computer Systems	13.09.2013
812037	ALU	201380065435.8		CN	Performance enhancement of video surveillance systems using mobile devices	08.11.2013
812037	ALU	2015546910	JP6125035	JP	Performance enhancement of video surveillance systems using mobile devices	08.11.2013
812037	ALU	20157016024	KR101716070	KR	Performance enhancement of video surveillance systems using mobile devices	08.11.2013
812037	ALU	14/442796		US	Performance enhancement of video surveillance systems using mobile devices	08.11.2013
812096	ALU	2013800505052		CN	Macro Antenna Feeder Network - Optimal Design, Architecture And Instantiation	14.08.2013
812096	ALU	845/CHENP//2015		IN	Macro Antenna Feeder Network - Optimal Design, Architecture And Instantiation	14.08.2013
812096	ALU	2015526895	JP6009079	JP	Macro Antenna Feeder Network - Optimal Design, Architecture And Instantiation	02.08.2013
817344	ALU	15305029.9		EP	Prioritized Congestion Control For Deadline-Aware Traffic Delivery With EDF Scheduling	15.01.2015
106137	ALU	07113763.2	EP1890366	FR	INTEGRATED AND TUNABLE FILTER TO ENLARGE THE OPTICAL BANDWIDTH OF SEMICONDUCTOR OPTICAL AMPLIFIERS	03.08.2007
106137	ALU	07113763.2	EP1890366	DE	INTEGRATED AND TUNABLE FILTER TO ENLARGE THE OPTICAL BANDWIDTH OF SEMICONDUCTOR OPTICAL AMPLIFIERS	03.08.2007
106137	ALU	07113763.2	EP1890366	GB	INTEGRATED AND TUNABLE FILTER TO ENLARGE THE OPTICAL BANDWIDTH OF SEMICONDUCTOR OPTICAL AMPLIFIERS	03.08.2007
805937	ALU	2014245447	JP6066980	JP	Photonic Match Filter	30.11.2010
817305	ALU	14/580756	US9560742	US	Backdrill Reliability Anchors	23.12.2014
812346	ALU	2013800364459		CN	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	17.06.2013
812346	ALU	2015-520873	JP6087433	JP	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	17.06.2013
812346	ALU	10-2015-7003125	KR10-101643911	KR	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	17.06.2013
812346	ALU	14/406829	US9559944	US	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	17.06.2013
817390	ALU	15305041.4		EP	Queue Management With Future Traffic Detection For Consistent Low-Latency Provisioning	16.01.2015
811701	ALU	9668/DELNP/2014		IN	eOTDR Crosstalk Mitigation Through Digital Signal Processing	30.04.2013
811701	ALU	2015-516521	JP5890940	JP	eOTDR Crosstalk Mitigation Through Digital Signal Processing	30.04.2013
811701	ALU	10-2015-7000826	KR101613868	KR	eOTDR Crosstalk Mitigation Through Digital Signal Processing	30.04.2013
811701	ALU	14/400935		US	eOTDR Crosstalk Mitigation Through Digital Signal Processing	30.04.2013
817266	ALU	14/610236		US	Keyhole-Mount Locking Mechanism	30.01.2015
121208	ALU	07291612.5	EP2073422	DE	FORWARD ERROR CORRECTION FOR VIDEO CONTENT IN THE ACCESS NODE.	21.12.2007
121208	ALU	07291612.5	EP2073422	GB	FORWARD ERROR CORRECTION FOR VIDEO CONTENT IN THE ACCESS NODE.	21.12.2007
Zarrabizadeh 23 (MH)	ALU	201525895	JP6162734	JP	Watermarking Scheme For Digital Video	29.09.2004
815852	ALU	14/626040		US	Extending The Functionality Of An Existing LED Display Interface	19.02.2015
812879	ALU	1020157013989	KR101719133	KR	Seamless communication application shift	21.10.2013
812879	ALU	14/648377	US9661140	US	Seamless communication application shift	21.10.2013
812159	ALU	2015546920	JP5947468	JP	Method For WIFI Connectivity Loss Anticipation	26.11.2013
812159	ALU	14/651822	US9648530	US	Method For WIFI Connectivity Loss Anticipation	26.11.2013
811974	ALU	2015548337	JP6034510	JP	Green Comb for WiFi	04.12.2013
811974	ALU	14/652994	US9577851	US	Green Comb for WiFi	04.12.2013
Bu 6-6-40 (T)	ALU	14/596758		US	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	14.01.2015
806349	ALU	201080050923.8		CN	Antenna Apparatus and Antenna Selection Method	21.09.2010
813668	ALU	14714451.3		EP	End To End Video Latency In A Realtime Video Conversation	03.03.2014
813668	ALU	2016500536		JP	End To End Video Latency In A Realtime Video Conversation	03.03.2014
801369	ALU	08755435.8	EP2149225	GB	Dual OSS Management of an Ethernet Access Network	14.05.2008

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
813172	ALU	201380067108.6		CN	Robust Content-Based Solution For Dynamically Optimizing Multi-User Wireless Multimedia Transmission	20.12.2013
813172	ALU	2015548612	JP6019250	JP	Robust Content-Based Solution For Dynamically Optimizing Multi-User Wireless Multimedia Transmission	20.12.2013
813172	ALU	14/649833	US9660921	US	Robust Content-Based Solution For Dynamically Optimizing Multi-User Wireless Multimedia Transmission	20.12.2013
811362	ALU	201380054589.7		CN	Group Data Plan Quata Allocation For Mobile Devices	08.10.2013
811362	ALU	13779494.7		EP	Group Data Plan Quata Allocation For Mobile Devices	08.10.2013
Yang 12-14-9 (Y)	ALU	06739696.0	EP1869940	FR	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	28.03.2006
817376	ALU	15305408.5		EP	Control Of Spectral Contributions Of Resonators For HARP Transmitter	20.03.2015
Doerr 28-48 (CR)	ALU	00308091.8	EP1089479	FR	Wavelength Division Add/Drop Multiplexer	18.09.2000
Doerr 28-48 (CR)	ALU	00308091.8	EP1089479	DE	Wavelength Division Add/Drop Multiplexer	18.09.2000
Doerr 28-48 (CR)	ALU	00308091.8	EP1089479	GB	Wavelength Division Add/Drop Multiplexer	18.09.2000
809019	ALU	12750935.4	EP2742724	FR	Method And Apparatus For Controlling Wireless Uplink Sessions	08.08.2012
809019	ALU	12750935.4	EP2742724	DE	Method And Apparatus For Controlling Wireless Uplink Sessions	08.08.2012
809019	ALU	12750935.4	EP2742724	GB	Method And Apparatus For Controlling Wireless Uplink Sessions	08.08.2012
809893[1]	ALU	14/624087		US	Privacy And Security Control Of SMS Archiving	17.02.2015
803348	ALU	09162898.2	EP2139198	FR	Trusted plane for routing equipment embedding a tamper resistant device	17.06.2009
803348	ALU	09162898.2	EP2139198	DE	Trusted plane for routing equipment embedding a tamper resistant device	17.06.2009
803348	ALU	09162898.2	EP2139198	GB	Trusted plane for routing equipment embedding a tamper resistant device	17.06.2009
812014	ALU	12182267.0	EP2704429	FR	Learning enabler for automatic video orchestration in the context of video-conferences	29.08.2012
812014	ALU	12182267.0	EP2704429	DE	Learning enabler for automatic video orchestration in the context of video-conferences	29.08.2012
812014	ALU	12182267.0	EP2704429	GB	Learning enabler for automatic video orchestration in the context of video-conferences	29.08.2012
816006	ALU	14/693383		US	HIGH POWER PHASOR	22.04.2015
807262	ALU	201549120	JP5898351	JP	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	03.05.2012
808849	ALU	11400030.0	EP2525184	FR	Radio Controlled Bullet	18.05.2011
808849	ALU	11400030.0	EP2525184	DE	Radio Controlled Bullet	18.05.2011
808849	ALU	11400030.0	EP2525184	GB	Radio Controlled Bullet	18.05.2011
812679	ALU	2013800547712	ZL2013800547712	CN	Feed-Forward Filter With Broad Transmission Zero	23.10.2013
812679	ALU	2706/CHENP/2015		IN	Feed-Forward Filter With Broad Transmission Zero	23.10.2013
812679	ALU	2015542179	JP6053943	JP	Feed-Forward Filter With Broad Transmission Zero	23.10.2013
812679	ALU	20157012553	KR101631425	KR	Feed-Forward Filter With Broad Transmission Zero	23.10.2013
806876	ALU	11719369.8	EP2540040	FR	Source Based Queue Selection Mechanism In The Routing Environment	07.02.2011
806876	ALU	11719369.8	EP2540040	DE	Source Based Queue Selection Mechanism In The Routing Environment	07.02.2011
806876	ALU	11719369.8	EP2540040	GB	Source Based Queue Selection Mechanism In The Routing Environment	07.02.2011
Beck 7-20-8 (A)	ALU	07751144.2	EP1987655	FR	Method And Network For Providing Service Blending To A Subscriber	20.02.2007
Beck 7-20-8 (A)	ALU	07751144.2	EP1987655	DE	Method And Network For Providing Service Blending To A Subscriber	20.02.2007
Beck 7-20-8 (A)	ALU	07751144.2	EP1987655	GB	Method And Network For Providing Service Blending To A Subscriber	20.02.2007
817695	ALU	15290147.6		EP	Early Congestion Detection And Avoidance In A Deadline-Aware System	04.06.2015
Hermsmeyer 2-4-4 (C)	ALU	07852728.0	EP2082557	FR	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
Hermsmeyer 2-4-4 (C)	ALU	07852728.0	EP2082557	DE	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
Hermsmeyer 2-4-4 (C)	ALU	07852728.0	EP2082557	GB	Method And Apparatus For Controlling Information Available From Content Distribution Points	12.10.2007
817470	ALU	PCT/EP2016/055909		WO	Timeserv: Mechanism For Providing Latency-Controlled Services	18.03.2016
817843	ALU	15/047821		US	Maximum Fill Link In Case Of Bonded Session (Two Access Connection Sharing Same IP Address)	19.02.2016
817321	ALU	15306299.7		EP	Backpropagation-less fiber nonlinearity compensator	19.08.2015
817684	ALU	15305986.0		EP	Self-heating mitigation for burst mode lasers	25.06.2015
120460	ALU	15162596.9		EP	EFFICIENT METHOD FOR COMPUTATION AND TRANSMISSION OF BIGI	28.01.2000
809434	ALU	12735869.5	EP2754311	FR	Protection against robbery of mobile	13.07.2012
807599	ALU	12709368.0	EP2661709	FR	Efficient Video Duplication Detection	04.01.2012

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807599	ALU	12709368.0	EP2661709	DE	Efficient Video Duplication Detection	04.01.2012
807599	ALU	12709368.0	EP2661709	GB	Efficient Video Duplication Detection	04.01.2012
Kroupenkine 4 (TN)	ALU	05018133.8	EP1607779	FR	Microlens	08.05.2002
Kroupenkine 4 (TN)	ALU	05018133.8	EP1607779	DE	Microlens	08.05.2002
Kroupenkine 4 (TN)	ALU	05018133.8	EP1607779	GB	Microlens	08.05.2002
810028	ALU	12751226.7	EP2745595	FR	Method And Apparatus For Controlling Buffer Status Report Messaging	14.08.2012
810028	ALU	12751226.7	EP2745595	DE	Method And Apparatus For Controlling Buffer Status Report Messaging	14.08.2012
810028	ALU	12751226.7	EP2745595	GB	Method And Apparatus For Controlling Buffer Status Report Messaging	14.08.2012
812688	ALU	2013800526082		CN	Apparatus, Method and Computer Program Operable to Determine Estimates	08.10.2013
812688	ALU	2015-536085	JP6080962	JP	Apparatus, Method and Computer Program Operable to Determine Estimates	08.10.2013
812688	ALU	14/431032	US9490905	US	Apparatus, Method and Computer Program Operable to Determine Estimates	08.10.2013
812531	ALU	12306438.8	EP2733858	FR	Automatic DPBO Configuration For VDSL2 Lines	19.11.2012
812531	ALU	12306438.8	EP2733858	DE	Automatic DPBO Configuration For VDSL2 Lines	19.11.2012
812531	ALU	12306438.8	EP2733858	GB	Automatic DPBO Configuration For VDSL2 Lines	19.11.2012
811818	ALU	12306019.6	EP2701438	FR	Method For Using ABS Resources With Reduced Transmit Power	24.08.2012
811818	ALU	12306019.6	EP2701438	DE	Method For Using ABS Resources With Reduced Transmit Power	24.08.2012
811818	ALU	12306019.6	EP2701438	GB	Method For Using ABS Resources With Reduced Transmit Power	24.08.2012
808728	ALU	11305305.2	EP2503720	FR	Polar Domain Compression And Decompression Of Crosstalk-cancellation Coefficients	18.03.2011
808728	ALU	11305305.2	EP2503720	DE	Polar Domain Compression And Decompression Of Crosstalk-cancellation Coefficients	18.03.2011
808728	ALU	11305305.2	EP2503720	GB	Polar Domain Compression And Decompression Of Crosstalk-cancellation Coefficients	18.03.2011
803003	ALU	09714520.5	EP2250764	FR	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
803003	ALU	09714520.5	EP2250764	DE	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
803003	ALU	09714520.5	EP2250764	GB	In-Bound Mechanism That Monitors End-To-End QOE Of Services With Application Awareness	17.02.2009
Bosch 9-1-41 (P)	ALU	06845006.3	EP1961246	FR	Method Of Downlink Rate Control	08.12.2006
Bosch 9-1-41 (P)	ALU	06845006.3	EP1961246	DE	Method Of Downlink Rate Control	08.12.2006
Bosch 9-1-41 (P)	ALU	06845006.3	EP1961246	GB	Method Of Downlink Rate Control	08.12.2006
810997	ALU	12305965.1	EP2693746	FR	Cell Phone Enabled Visual Mute	03.08.2012
810997	ALU	12305965.1	EP2693746	DE	Cell Phone Enabled Visual Mute	03.08.2012
810997	ALU	12305965.1	EP2693746	GB	Cell Phone Enabled Visual Mute	03.08.2012
815091	ALU	2015108227	JP6033917	JP	A Method Of Cross-Media Unified Targeted Advertisement	28.05.2015
806254	ALU	11702553.6	EP2529570	FR	Method And Apparatus For Tracing Mobile Sessions	21.01.2011
806254	ALU	11702553.6	EP2529570	DE	Method And Apparatus For Tracing Mobile Sessions	21.01.2011
804774	ALU	09167021.6	EP2282427	FR	PTP (Message) Frequency Field (PFF)	31.07.2009
804774	ALU	09167021.6	EP2282427	DE	PTP (Message) Frequency Field (PFF)	31.07.2009
804774	ALU	09167021.6	EP2282427	GB	PTP (Message) Frequency Field (PFF)	31.07.2009
808610	ALU	12305173.2	EP2629546	GB	Ad-Play Grace Period in Program Switch and Search Modes	16.02.2012
808610	ALU	12305173.2	EP2629546	DE	Ad-Play Grace Period in Program Switch and Search Modes	16.02.2012
811784	ALU	12185080.4	EP2712099	FR	DEgraded P2P Transparent Clock (DEPP)	19.09.2012
811784	ALU	12185080.4	EP2712099	DE	DEgraded P2P Transparent Clock (DEPP)	19.09.2012
811784	ALU	12185080.4	EP2712099	GB	DEgraded P2P Transparent Clock (DEPP)	19.09.2012
812159	ALU	12306590.6	EP2744267	FR	Method For WIFI Connectivity Loss Anticipation	14.12.2012
812159	ALU	12306590.6	EP2744267	DE	Method For WIFI Connectivity Loss Anticipation	14.12.2012
812159	ALU	12306590.6	EP2744267	GB	Method For WIFI Connectivity Loss Anticipation	14.12.2012
804823	ALU	10720699.7	EP2436147	FR	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	10720699.7	EP2436147	DE	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	10720699.7	EP2436147	GB	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
Srivastava 16 (A)	ALU	07754616.6	EP2005746	FR	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	30.03.2007
Srivastava 16 (A)	ALU	07754616.6	EP2005746	DE	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	30.03.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Srivastava 16 (A)	ALU	07754616.6	EP2005746	GB	Method And Apparatus For Delivering Subscription Service Content To Roaming Users	30.03.2007
Dominique 19-15-9 (F)	ALU	201510387344.7		CN	Method Of Estimating A Current Channel Condition In A Wireless Communications Network	05.05.2006
802666	ALU	08290432.7	EP2117129	FR	CROSSTALK ANOMALY DETECTOR	07.05.2008
802666	ALU	08290432.7	EP2117129	DE	CROSSTALK ANOMALY DETECTOR	07.05.2008
802666	ALU	08290432.7	EP2117129	GB	CROSSTALK ANOMALY DETECTOR	07.05.2008
817788	ALU	15306374.8		EP	Method For Efficient Selective Retransmission Protocol For Multicast/Broadcast Services	09.09.2015
813144	ALU	13305002.1	EP2752853	FR	Distributed and Sustainable Video Editing System in the Cloud	03.01.2013
813144	ALU	13305002.1	EP2752853	DE	Distributed and Sustainable Video Editing System in the Cloud	03.01.2013
813144	ALU	13305002.1	EP2752853	GB	Distributed and Sustainable Video Editing System in the Cloud	03.01.2013
801048	ALU	201510550118.6		CN	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	01.09.2015
804528	ALU	10710628.8	EP2392100	FR	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
804528	ALU	10710628.8	EP2392100	DE	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
804528	ALU	10710628.8	EP2392100	GB	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
801841	ALU	201510427668.9		CN	Dynamic preemption	06.05.2009
106330	ALU	07115744.0	EP1901099	FR	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	05.09.2007
106330	ALU	07115744.0	EP1901099	DE	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	05.09.2007
106330	ALU	07115744.0	EP1901099	GB	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	05.09.2007
805459	ALU	10305008.4	EP2341642	FR	Polarization-based coded modulation in optical transmission systems with coherent detection	05.01.2010
805459	ALU	10305008.4	EP2341642	DE	Polarization-based coded modulation in optical transmission systems with coherent detection	05.01.2010
805459	ALU	10305008.4	EP2341642	GB	Polarization-based coded modulation in optical transmission systems with coherent detection	05.01.2010
811970	ALU	14/808133	US9569742	US	Reducing Costs Related To Use Of Networks Based On Pricing Heterogeneity	24.07.2015
800008	ALU	07290252.1	EP1965504	FR	Multi-band Low Noise Amplifier RF IC Module including electronic for digital control, for diversity antenna systems	27.02.2007
800008	ALU	07290252.1	EP1965504	DE	Multi-band Low Noise Amplifier RF IC Module including electronic for digital control, for diversity antenna systems	27.02.2007
800008	ALU	07290252.1	EP1965504	GB	Multi-band Low Noise Amplifier RF IC Module including electronic for digital control, for diversity antenna systems	27.02.2007
817978	ALU	201510567579.4		CN	Hybrid Analog/Digital Beamforming Based On Pattern Reconfigurable Antennas	08.09.2015
Mooney 9-42-27 (CF)	ALU	08726935.3	EP2130395	FR	Low Cost End To End Solution For Multicast Short Messaging	18.03.2008
Mooney 9-42-27 (CF)	ALU	08726935.3	EP2130395	DE	Low Cost End To End Solution For Multicast Short Messaging	18.03.2008
Mooney 9-42-27 (CF)	ALU	08726935.3	EP2130395	GB	Low Cost End To End Solution For Multicast Short Messaging	18.03.2008
817915	ALU	201510535938.8		CN	An Throughput Optimal Mimo Modes Switch For Beamforming Systems	27.08.2015
812235	ALU	13305513.7	EP2793455	FR	Peak Amplitude Equalization	19.04.2013
812235	ALU	13305513.7	EP2793455	DE	Peak Amplitude Equalization	19.04.2013
812235	ALU	13305513.7	EP2793455	GB	Peak Amplitude Equalization	19.04.2013
818198	ALU	201510586086.5		CN	Common Beamforming In High-Speed Rail Moble Systems	15.09.2015
Zarrabizadeh 23 (MH)	ALU	04255628.2	EP1519312	FR	Watermarking Scheme For Digital Video	16.09.2004
Zarrabizadeh 23 (MH)	ALU	04255628.2	EP1519312	DE	Watermarking Scheme For Digital Video	16.09.2004
Zarrabizadeh 23 (MH)	ALU	04255628.2	EP1519312	GB	Watermarking Scheme For Digital Video	16.09.2004
134177	ALU	05026930.7	EP1670205	FR	SECURE AUTHENTICATION ADVERTISEMENT PROTOCOL	09.12.2005
134177	ALU	05026930.7	EP1670205	DE	SECURE AUTHENTICATION ADVERTISEMENT PROTOCOL	09.12.2005
134177	ALU	05026930.7	EP1670205	GB	SECURE AUTHENTICATION ADVERTISEMENT PROTOCOL	09.12.2005
137518	ALU	04300801.0	EP1533954	FR	Coherent Counters for Cell Loss Detection and Fault Isolation	19.11.2004
137518	ALU	04300801.0	EP1533954	DE	Coherent Counters for Cell Loss Detection and Fault Isolation	19.11.2004
137518	ALU	04300801.0	EP1533954	GB	Coherent Counters for Cell Loss Detection and Fault Isolation	19.11.2004
801461	ALU	08305281.1	EP2136445	FR	Fabrication of polarization insensitive quantum dots based devices for optical fiber communications	19.06.2008
801461	ALU	08305281.1	EP2136445	DE	Fabrication of polarization insensitive quantum dots based devices for optical fiber communications	19.06.2008

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801461	ALU	08305281.1	EP2136445	GB	Fabrication of polarization insensitive quantum dots based devices for optical fiber communications	19.06.2008
808826	ALU	10290663.3	EP2466810	DE	Method For Routing In Name Based Networking	17.12.2010
808826	ALU	10290663.3	EP2466810	GB	Method For Routing In Name Based Networking	17.12.2010
801433	ALU	09721326.8	EP2281366	FR	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
801433	ALU	09721326.8	EP2281366	DE	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
801433	ALU	09721326.8	EP2281366	GB	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
805955	ALU	10795118.8	EP2510651	FR	CFM Timeout Interval Control To Support Hitless Software Upgrades	02.12.2010
805955	ALU	10795118.8	EP2510651	DE	CFM Timeout Interval Control To Support Hitless Software Upgrades	02.12.2010
805955	ALU	10795118.8	EP2510651	GB	CFM Timeout Interval Control To Support Hitless Software Upgrades	02.12.2010
814303	ALU	13290231.3	EP2854338	FR	Flexibly Configurable Traffic Generator With Minimal Resource Consumption	27.09.2013
814303	ALU	13290231.3	EP2854338	DE	Flexibly Configurable Traffic Generator With Minimal Resource Consumption	27.09.2013
814303	ALU	13290231.3	EP2854338	GB	Flexibly Configurable Traffic Generator With Minimal Resource Consumption	27.09.2013
804426	ALU	10725274.4	EP2406932	FR	Intrusion Detection For Virtual Layer-2 Services	11.03.2010
804426	ALU	10725274.4	EP2406932	DE	Intrusion Detection For Virtual Layer-2 Services	11.03.2010
804426	ALU	10725274.4	EP2406932	GB	Intrusion Detection For Virtual Layer-2 Services	11.03.2010
811316	ALU	12382224.9	EP2670110	FR	Rules Based Media Transformation For Multi-Destination Content Delivery	01.06.2012
811316	ALU	12382224.9	EP2670110	DE	Rules Based Media Transformation For Multi-Destination Content Delivery	01.06.2012
811316	ALU	12382224.9	EP2670110	GB	Rules Based Media Transformation For Multi-Destination Content Delivery	01.06.2012
804522	ALU	09290715.3	EP2299753	FR	Traffic and Interference Aware Resource Management	18.09.2009
804522	ALU	09290715.3	EP2299753	DE	Traffic and Interference Aware Resource Management	18.09.2009
804522	ALU	09290715.3	EP2299753	GB	Traffic and Interference Aware Resource Management	18.09.2009
Feder 20-6 (PM)	ALU	14/919947	US9392575	US	QoS-Aware Paging In A Wireless Communication System	22.10.2015
817864	ALU	201510718707.0		CN	An Indoor Coverage System Design For Distributed Mimo	29.10.2015
Fischer 39-1 (G)	ALU	07863098.5	EP2100374	FR	Current Switched Circuit For Switch Mode Power Amplifiers	18.12.2007
Fischer 39-1 (G)	ALU	07863098.5	EP2100374	DE	Current Switched Circuit For Switch Mode Power Amplifiers	18.12.2007
Fischer 39-1 (G)	ALU	07863098.5	EP2100374	GB	Current Switched Circuit For Switch Mode Power Amplifiers	18.12.2007
818393	ALU	15290331.6		EP	Utility-Based Congestion Control On The Transport Layer	24.12.2015
810839	ALU	12186744.4	EP2713593	FR	Immersive system with dynamic staging based on 3D positions of participants	28.09.2012
810839	ALU	12186744.4	EP2713593	DE	Immersive system with dynamic staging based on 3D positions of participants	28.09.2012
810839	ALU	12186744.4	EP2713593	GB	Immersive system with dynamic staging based on 3D positions of participants	28.09.2012
811439	ALU	12382223.1	EP2670109	FR	Applying Intelligent Multicast Distribution For Cache Pre-Filling In A Content Delivery Network	01.06.2012
811439	ALU	12382223.1	EP2670109	DE	Applying Intelligent Multicast Distribution For Cache Pre-Filling In A Content Delivery Network	01.06.2012
811439	ALU	12382223.1	EP2670109	GB	Applying Intelligent Multicast Distribution For Cache Pre-Filling In A Content Delivery Network	01.06.2012
811965	ALU	12305571.7	EP2667541	FR	Orchestrating Connectivity Services For Maximizing Controlled Network Infrastructure (OCSN)	23.05.2012
811965	ALU	12305571.7	EP2667541	DE	Orchestrating Connectivity Services For Maximizing Controlled Network Infrastructure (OCSN)	23.05.2012
811965	ALU	12305571.7	EP2667541	GB	Orchestrating Connectivity Services For Maximizing Controlled Network Infrastructure (OCSN)	23.05.2012
Zarrabizadeh 22 (MH)	ALU	04255616.7	EP1519311	FR	Watermarking Scheme For Digital Video	16.09.2004
Zarrabizadeh 22 (MH)	ALU	04255616.7	EP1519311	DE	Watermarking Scheme For Digital Video	16.09.2004
Zarrabizadeh 22 (MH)	ALU	04255616.7	EP1519311	GB	Watermarking Scheme For Digital Video	16.09.2004
137646	ALU	04300610.5	EP1519594	FR	Network Element Resource Utilization Tracking	17.09.2004
137646	ALU	04300610.5	EP1519594	DE	Network Element Resource Utilization Tracking	17.09.2004
137646	ALU	04300610.5	EP1519594	GB	Network Element Resource Utilization Tracking	17.09.2004
805442	ALU	09290945.6	EP2337240	FR	Multichannel WDM-PON module with integrated OTDR function	15.12.2009
805442	ALU	09290945.6	EP2337240	DE	Multichannel WDM-PON module with integrated OTDR function	15.12.2009
805442	ALU	09290945.6	EP2337240	GB	Multichannel WDM-PON module with integrated OTDR function	15.12.2009
806233	ALU	11705846.1	EP2537313	FR	Service level Distributed Denial of Service attacks detection and mitigation	15.02.2011
806233	ALU	11705846.1	EP2537313	DE	Service level Distributed Denial of Service attacks detection and mitigation	15.02.2011

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
808309	ALU	11305138.7	EP2487819	FR	IEEE 1588V2 Transparent clock On-Demand (TOD)	10.02.2011
105488	ALU	05108435.8	EP1646262	GB	WAVELENGTH-SWITCH-BASED MODULAR PATCH-PANELS	14.09.2005
803745	ALU	09179288.7	EP2200193	FR	Supervised polarization demultiplexing algorithm in polarization division multiplexed optical systems with coherent detection	15.12.2009
803745	ALU	09179288.7	EP2200193	DE	Supervised polarization demultiplexing algorithm in polarization division multiplexed optical systems with coherent detection	15.12.2009
803745	ALU	09179288.7	EP2200193	GB	Supervised polarization demultiplexing algorithm in polarization division multiplexed optical systems with coherent detection	15.12.2009
814385	ALU	14823601.1		EP	Alcatel-Lucent Service Portal - Security Encryption Management	23.06.2014
814385	ALU	2016524638		JP	Alcatel-Lucent Service Portal - Security Encryption Management	23.06.2014
812732	ALU	14742642.3		EP	Dynamic And Quasi-Dynamic Group Data Plan Quata Allocation For Mobile Devices	26.06.2014
812732	ALU	2016524190	JP6159884	JP	Dynamic And Quasi-Dynamic Group Data Plan Quata Allocation For Mobile Devices	26.06.2014
812583	ALU	12306526.0	EP2741495	FR	Self Adapting VideoConference User Interface for Maximized Immersion	06.12.2012
812583	ALU	12306526.0	EP2741495	DE	Self Adapting VideoConference User Interface for Maximized Immersion	06.12.2012
812583	ALU	12306526.0	EP2741495	GB	Self Adapting VideoConference User Interface for Maximized Immersion	06.12.2012
814365	ALU	13306127.5	EP2835911	FR	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	DE	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	IT	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	PL	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	ES	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814435	ALU	201480053233.6		CN	Social Hint-based Caching	23.09.2014
814435	ALU	2016517372		JP	Social Hint-based Caching	23.09.2014
814435	ALU	10-2016-7010777		KR	Social Hint-based Caching	23.09.2014
814435	ALU	15/023874		US	Social Hint-based Caching	23.09.2014
817843	ALU	PCT/US2016/020608		WO	Maximum Fill Link In Case Of Bonded Session (Two Access Connection Sharing Same IP Address)	03.03.2016
817847	ALU	PCT/EP2016/055812		WO	Congestion Controlled Priority Scheduler	17.03.2016
816094	ALU	PCT/IB2016/000518		WO	Simplified Method To Enhance Real-Time QoE In E-FACH (Or In LTE)	24.03.2016
814365	ALU	201480044364.8		CN	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
814365	ALU	2016-532331		JP	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
814035	ALU	10-2016-7005100	KR101759040	KR	Using POTS To Startup A Reversed Powered Device	28.08.2014
814035	ALU	14/910790	US9560218	US	Using POTS To Startup A Reversed Powered Device	28.08.2014
808693	ALU	10306390.5	EP2464026	FR	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	10.12.2010
808693	ALU	10306390.5	EP2464026	DE	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	10.12.2010
808693	ALU	10306390.5	EP2464026	GB	Optimized Parallel Initialization Of G.vector Lines By Handshake Prolongation	10.12.2010
815064	ALU	13306413.9	EP2863646	FR	Flexnode Slice Management	15.10.2013
815064	ALU	13306413.9	EP2863646	DE	Flexnode Slice Management	15.10.2013
813581	ALU	201480049101.6		CN	Small Cell DCCH Diversity To Improve Handover Success Rates	18.08.2014
813581	ALU	15/022679		US	Small Cell DCCH Diversity To Improve Handover Success Rates	18.08.2014
139407	ALU	06019959.3	EP1786190	FR	PRESENCE BASED WHISPER CALLS	23.09.2006
139407	ALU	06019959.3	EP1786190	DE	PRESENCE BASED WHISPER CALLS	23.09.2006
139407	ALU	06019959.3	EP1786190	GB	PRESENCE BASED WHISPER CALLS	23.09.2006
810743	ALU	20157036726	KR101611149	KR	LTE Subscriber Identity Correlation Service	17.10.2012
800271	ALU	08163744.9	EP2053788	GB	SYSTEM TO PROVIDE SCALABLE TV/VIDEO FLOWS IN DISCONTINUOUS COVERAGE ENVIRONMENT	05.09.2008
813555	ALU	13306184.6	EP2843845	FR	Reducing Offset Effects While Iteratively Estimating Precoder And Postcoder Structure	30.08.2013
813555	ALU	13306184.6	EP2843845	DE	Reducing Offset Effects While Iteratively Estimating Precoder And Postcoder Structure	30.08.2013
813555	ALU	13306184.6	EP2843845	GB	Reducing Offset Effects While Iteratively Estimating Precoder And Postcoder Structure	30.08.2013
Gill 26-4-17-10-8 (DM)	ALU	07839857.5	EP2132595	FR	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	07839857.5	EP2132595	DE	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	07839857.5	EP2132595	GB	A High Speed Semiconductor Optical Modulator	30.10.2007
135959	ALU	03004243.6	EP1343287	FR	GRAPHICAL SIP PROXY	26.02.2003
135959	ALU	03004243.6	EP1343287	DE	GRAPHICAL SIP PROXY	26.02.2003
135959	ALU	03004243.6	EP1343287	GB	GRAPHICAL SIP PROXY	26.02.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139157	ALU	04005495.9	EP1460808	FR	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	08.03.2004
139157	ALU	04005495.9	EP1460808	DE	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	08.03.2004
806478	ALU	20167002532	KR101663062	KR	Automatic adaptation of antenna tilt angle in mobile radio networks	20.05.2011
814843	ALU	201480058032.5		CN	Orderly Line Leaving In Vectored G.fast	14.10.2014
814843	ALU	2016525576		JP	Orderly Line Leaving In Vectored G.fast	14.10.2014
814843	ALU	10-20167010224		KR	Orderly Line Leaving In Vectored G.fast	14.10.2014
814843	ALU	15/026025		US	Orderly Line Leaving In Vectored G.fast	14.10.2014
814876	ALU	201480058031.0		CN	Configurable Output Impedance For G.fast Line Driver In Power Down Mode	14.10.2014
814876	ALU	15/026164		US	Configurable Output Impedance For G.fast Line Driver In Power Down Mode	14.10.2014
139305	ALU	05753119.6	EP1810495	FR	CYCLED SEALING CURRENT	19.05.2005
139305	ALU	05753119.6	EP1810495	DE	CYCLED SEALING CURRENT	19.05.2005
139305	ALU	05753119.6	EP1810495	GB	CYCLED SEALING CURRENT	19.05.2005
817654	ALU	PCT/EP2016/063058		WO	Assembly Level Re-Configurable Miniaturized Coaxial Cavity Resonators	08.06.2016
Leven 3 (A)	ALU	04250126.2	EP1962444	DE	Direct Optical N-State Phase Shift Keying	13.01.2004
Leven 3 (A)	ALU	04250126.2	EP1962444	GB	Direct Optical N-State Phase Shift Keying	13.01.2004
809388	ALU	12290124.2	EP2648352	FR	Mixed POADM-ROADM Optical Transport System	05.04.2012
809388	ALU	12290124.2	EP2648352	DE	Mixed POADM-ROADM Optical Transport System	05.04.2012
809388	ALU	12290124.2	EP2648352	GB	Mixed POADM-ROADM Optical Transport System	05.04.2012
805367	ALU	20127025411	KR101434332	KR	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
805367	ALU	13/580425	US9647963	US	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
806820	ALU	201180017202.1	ZL201180017202.1	CN	Non-coherent OTDR using Golay sequences in Multi-channel environment	17.03.2011
814365	ALU	10-2016-7005667		KR	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
814365	ALU	14/904579	US9722664	US	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
813555	ALU	2016-537256		JP	Reducing Offset Effects While Iteratively Estimating Precoder And Postcoder Structure	26.08.2014
813555	ALU	14/910073		US	Reducing Offset Effects While Iteratively Estimating Precoder And Postcoder Structure	26.08.2014
814035	ALU	2016-539478	JP6147936	JP	Using POTS To Startup A Reversed Powered Device	28.08.2014
818070	ALU	15/096754		US	Digitally Tunable Hybrid III/Silicon Laser	12.04.2016
814523	ALU	201480055041.9		CN	Method and Apparatus to automatically associate social interactions to the related TV programme	24.09.2014
814523	ALU	2016521308	JP61584435	JP	Method and Apparatus to automatically associate social interactions to the related TV programme	24.09.2014
814523	ALU	1020167009073		KR	Method and Apparatus to automatically associate social interactions to the related TV programme	24.09.2014
814523	ALU	15/026517		US	Method and Apparatus to automatically associate social interactions to the related TV programme	24.09.2014
Cai 134-37 (Y)	ALU	09733839.6	EP2289254	FR	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	09733839.6	EP2289254	DE	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	09733839.6	EP2289254	GB	Charging In LTE/EPC Communication Networks	26.03.2009
803458	ALU	08425465.5	EP2141860	FR	Methods for real-time data streaming in a network management system	04.07.2008
803458	ALU	08425465.5	EP2141860	DE	Methods for real-time data streaming in a network management system	04.07.2008
803458	ALU	08425465.5	EP2141860	GB	Methods for real-time data streaming in a network management system	04.07.2008
808675	ALU	201280014632.2		CN	Open UICC framework	21.03.2012
808675	ALU	14/006264		US	Open UICC framework	21.03.2012
810535	ALU	2012800462122	ZL2012800462122	CN	Bit Swap Reject, Forcing Bi Swap Only	27.08.2012
810535	ALU	14/241119	US9374251	US	Bit Swap Reject, Forcing Bi Swap Only	27.08.2012
811715	ALU	13717389.4		EP	System And Method For Data-Plane Fate Separation Of LDP LSPs	04.04.2013
811715	ALU	2015504737	JP5934836	JP	System And Method For Data-Plane Fate Separation Of LDP LSPs	04.04.2013
811715	ALU	20147027866	KR1576411	KR	System And Method For Data-Plane Fate Separation Of LDP LSPs	04.04.2013
815688	ALU	201580011873.5		CN	System and Method For Improvement of User Loyalty During Video Watching	03.03.2015
815688	ALU	10-20167027544		KR	System and Method For Improvement of User Loyalty During Video Watching	03.03.2015

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
803780	ALU	08305566.5	EP2166579	FR	Photonic Power Switch And Method Of Controlling Current Flow In The Photonic Power Switch And Use Of Such Photonic Power Switch	18.09.2008
803780	ALU	08305566.5	EP2166579	DE	Photonic Power Switch And Method Of Controlling Current Flow In The Photonic Power Switch And Use Of Such Photonic Power Switch	18.09.2008
803780	ALU	08305566.5	EP2166579	GB	Photonic Power Switch And Method Of Controlling Current Flow In The Photonic Power Switch And Use Of Such Photonic Power Switch	18.09.2008
817321	ALU	PCT/EP2016/066315		WO	Backpropagation-less fiber nonlinearity compensator	08.07.2016
810912	ALU	2014-556932	JP5856694	JP	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	12.09.2012
810912	ALU	20147019468	KR10-1622062	KR	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	12.09.2012
810912	ALU	14/358564	US9608694	US	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	12.09.2012
809209	ALU	12735737.4		EP	Content Popularity Extraction In Distributed Hash Table Peer-To-Peer Networks	02.07.2012
813679	ALU	13175360.0	EP2822246	FR	Method to include any video stream in a video conference	05.07.2013
811041	ALU	1120140199043		BR	Detachable base station	18.01.2013
811041	ALU	2013800094248		CN	Detachable base station	18.01.2013
805367	ALU	11704639.1	EP2553884	FR	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
805367	ALU	11704639.1	EP2553884	DE	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
805367	ALU	11704639.1	EP2553884	GB	Speed-up end-to-end switching time delay for wavelength connection activations (SSTD)	25.02.2011
814365	ALU	13306127.5	EP2835911	GB	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	NL	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
813005	ALU	201480044148.3		CN	Including video mixing based systems in routed video sessions	10.07.2014
813005	ALU	2016533851		JP	Including video mixing based systems in routed video sessions	10.07.2014
813005	ALU	1020167003420		KR	Including video mixing based systems in routed video sessions	10.07.2014
813005	ALU	14/911527	US9571792	US	Including video mixing based systems in routed video sessions	10.07.2014
815064	ALU	201480056720.8		CN	Flexnode Slice Management	24.09.2014
814356	ALU	201480059154.6		CN	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	24.09.2014
814356	ALU	2016-526819		JP	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	27.04.2016
814356	ALU	15/025335		US	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	24.09.2014
800304	ALU	08832451.2	EP2193636	FR	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
800304	ALU	08832451.2	EP2193636	DE	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
800304	ALU	08832451.2	EP2193636	GB	RSVP-TE Enhancements For MPLS/FRR Bandwidth Optimization	31.07.2008
817695	ALU	PCT/EP2016/062145		WO	Early Congestion Detection And Avoidance In A Deadline-Aware System	30.05.2016
818007	ALU	PCT/US2016/025791		WO	A Method On Preferential Selection Of Evolved Packet Gateway For Maximum Service Enablement	02.04.2016
815318	ALU	2016537565		JP	Method For Priority Scheduling Of Notification And Ad Messages For Efficient Network Communication	19.11.2014
815318	ALU	15/037173		US	Method For Priority Scheduling Of Notification And Ad Messages For Efficient Network Communication	19.11.2014
809312	ALU	11170777.4	EP2538592	FR	Protection Mechanism For Optical Packet Switched Networks	21.06.2011
809312	ALU	11170777.4	EP2538592	DE	Protection Mechanism For Optical Packet Switched Networks	21.06.2011
809312	ALU	11170777.4	EP2538592	GB	Protection Mechanism For Optical Packet Switched Networks	21.06.2011
806233	ALU	11705846.1	EP2537313	GB	Service level Distributed Denial of Service attacks detection and mitigation	15.02.2011
121270	ALU	06290318.2	EP1826981	FR	DEDICATED ADVERTISEMENT CHANNEL.	22.02.2006
121270	ALU	06290318.2	EP1826981	DE	DEDICATED ADVERTISEMENT CHANNEL.	22.02.2006
121270	ALU	06290318.2	EP1826981	GB	DEDICATED ADVERTISEMENT CHANNEL.	22.02.2006
818509	ALU	201510961030.3		CN	Method For Avoiding DC Short Circuit At RRU Antenna Port	18.12.2015
805290	ALU	09290451.5	EP2264913	FR	Dual beam active antenna	15.06.2009
805290	ALU	09290451.5	EP2264913	DE	Dual beam active antenna	15.06.2009
805290	ALU	09290451.5	EP2264913	GB	Dual beam active antenna	15.06.2009
805181	ALU	10791013.5	EP2514109	FR	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	23.11.2010
805181	ALU	10791013.5	EP2514109	DE	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	23.11.2010

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805181	ALU	10791013.5	EP2514109	GB	Crosstalk Control Method And Apparatus Using A Bandwidth-Adaptive Precoder Interface	23.11.2010
810839	ALU	2013800507236	ZL2013800507236	CN	Immersive system with dynamic staging based on 3D positions of participants	03.09.2013
810839	ALU	14/431101	US9432625	US	Immersive system with dynamic staging based on 3D positions of participants	03.09.2013
817684	ALU	PCT/EP2016/051244		WO	Self-heating mitigation for burst mode lasers	21.01.2016
813957	ALU	201480054393.2		CN	Low Power CTS-To-Sell To Prevent Starvation In WiFI Networks	30.09.2014
813957	ALU	2016519803		JP	Low Power CTS-To-Sell To Prevent Starvation In WiFI Networks	30.09.2014
813957	ALU	20167008298		KR	Low Power CTS-To-Sell To Prevent Starvation In WiFI Networks	30.09.2014
816679	ALU	14/456136	US9300348	US	10/100/1000baset Compact Small Form-Factor Pluggable Module	11.08.2014
814579	ALU	13306602.7	EP2876863	FR	Transparent Cache Efficiency In IP Networks	22.11.2013
814579	ALU	13306602.7	EP2876863	DE	Transparent Cache Efficiency In IP Networks	22.11.2013
814579	ALU	13306602.7	EP2876863	GB	Transparent Cache Efficiency In IP Networks	22.11.2013
814843	ALU	13306451.9	EP2866353	FR	Orderly Line Leaving In Vectored G.fast	22.10.2013
814843	ALU	13306451.9	EP2866353	DE	Orderly Line Leaving In Vectored G.fast	22.10.2013
814843	ALU	13306451.9	EP2866353	GB	Orderly Line Leaving In Vectored G.fast	22.10.2013
812511	ALU	14/648474		US	Dynamic Meta multimedia analyser based on Social interaction Analysis	11.10.2013
807433	ALU	10306190.9	EP2383900	FR	Phantom-mode reflectometry	29.10.2010
807433	ALU	10306190.9	EP2383900	DE	Phantom-mode reflectometry	29.10.2010
807433	ALU	10306190.9	EP2383900	GB	Phantom-mode reflectometry	29.10.2010
804594	ALU	09305182.9	EP2224671	FR	Software architecture to merge telephony services over heterogeneous network	27.02.2009
804594	ALU	09305182.9	EP2224671	DE	Software architecture to merge telephony services over heterogeneous network	27.02.2009
804594	ALU	09305182.9	EP2224671	GB	Software architecture to merge telephony services over heterogeneous network	27.02.2009
806569	ALU	11712711.8	EP2543170	FR	Feature For Secure Session Initiation With Hosts Behind Firewalls	02.03.2011
806569	ALU	11712711.8	EP2543170	DE	Feature For Secure Session Initiation With Hosts Behind Firewalls	02.03.2011
806569	ALU	11712711.8	EP2543170	GB	Feature For Secure Session Initiation With Hosts Behind Firewalls	02.03.2011
139157	ALU	04005495.9	EP1460808	GB	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	08.03.2004
809388	ALU	1020147030857	KR101641070	KR	Mixed POADM-ROADM Optical Transport System	20.02.2013
809388	ALU	14/387295	US9331783	US	Mixed POADM-ROADM Optical Transport System	20.02.2013
102902	ALU	01403150.4	EP1225655	FR	Patch antenna with band matching by additional load radiotelephone terminals.	06.12.2001
102902	ALU	01403150.4	EP1225655	DE	Patch antenna with band matching by additional load radiotelephone terminals.	06.12.2001
102902	ALU	01403150.4	EP1225655	GB	Patch antenna with band matching by additional load radiotelephone terminals.	06.12.2001
813957	ALU	14782067.4		EP	Low Power CTS-To-Sell To Prevent Starvation In WiFI Networks	30.09.2014
150029	ALU	06301053.2	EP1775910	FR	Application Layer Ingress Filtering	16.10.2006
150029	ALU	06301053.2	EP1775910	DE	Application Layer Ingress Filtering	16.10.2006
150029	ALU	06301053.2	EP1775910	GB	Application Layer Ingress Filtering	16.10.2006
810976	ALU	201380012454.4	ZL201380012454.4	CN	Increase SP subscribers privacy, while monetizing geolocation services in Distributed CG-NAT for IPv4	13.02.2013
810976	ALU	14/380221		US	Increase SP subscribers privacy, while monetizing geolocation services in Distributed CG-NAT for IPv4	13.02.2013
803810	ALU	08290890.6	EP2166806	FR	Dynamic Management of OVSF codes	19.09.2008
803810	ALU	08290890.6	EP2166806	DE	Dynamic Management of OVSF codes	19.09.2008
803810	ALU	08290890.6	EP2166806	GB	Dynamic Management of OVSF codes	19.09.2008
810398	ALU	2014561060	JP6117253	JP	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
810398	ALU	20147025011	KR101716556	KR	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
806008	ALU	10757684.5		EP	Digital Coherent Detection Of Multi-Carrier Optical Signal	16.09.2010
806008	ALU	2012530938	JP5916611	JP	Digital Coherent Detection Of Multi-Carrier Optical Signal	16.09.2010
806008	ALU	20127007281	KR101402641	KR	Digital Coherent Detection Of Multi-Carrier Optical Signal	16.09.2010
811448	ALU	2013800390716	ZL201380039071.6	CN	Automatic Optimization Of VCE Parameters In DSL Vectored Systems	24.07.2013
811448	ALU	2015-528924	JP5955464	JP	Automatic Optimization Of VCE Parameters In DSL Vectored Systems	24.07.2013
811448	ALU	14/407444	US9509368	US	Automatic Optimization Of VCE Parameters In DSL Vectored Systems	24.07.2013
Kamel 1-2-14-15 (RE)	ALU	99303870.2	EP0961513	DE	Wireless CDMA System Having A Unique Forward Configuration Control Channel	18.05.1999

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Kamel 1-2-14-15 (RE)	ALU	99303870.2	EP0961513	GB	Wireless CDMA System Having A Unique Forward Configuration Control Channel	18.05.1999
807255	ALU	10290550.2	EP2442440	GB	Envelope Tracking Transmitter Architectures for coverage of Fragmented Frequency Bands	13.10.2010
Rao 4-34 (SA)	ALU	09729162.9	EP2263413	FR	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	09729162.9	EP2263413	DE	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	09729162.9	EP2263413	GB	Method For Routing Via Access Terminals	18.03.2009
815148	ALU	15/119610		US	Method For Transparent Transfer Of PTP Event Messages Across An Medium With Asymmetrical Transfer Delay In Both Directions	09.03.2015
806994	ALU	11785833.2		EP	Content Based VLAN Classification And Framework For Ethernet Network To Support Content Based Bridging	26.10.2011
806994	ALU	20137013906	KR101458779	KR	Content Based VLAN Classification And Framework For Ethernet Network To Support Content Based Bridging	26.10.2011
Kamel 1-2-14-15 (RE)	ALU	99303870.2	EP0961513	FR	Wireless CDMA System Having A Unique Forward Configuration Control Channel	18.05.1999
812999	ALU	14/903638	US9729825	US	Dynamic and context based distribution of Immersive Video conference processing	20.06.2014
807602	ALU	20137002567	KR101519895	KR	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	16.06.2011
807672	ALU	201180043962.X	ZL201180043962.X	CN	Method for Efficient Implementation of Phantom Mode	16.08.2011
800817	ALU	14/628597	US9363161	US	Mechanism To Dynamically Optimize Psudowires Based On The Collected End-to-End Cost	23.02.2015
813016	ALU	14/430383	US9549342	US	A Method of HAS Congestion Management In Wireless Network	25.10.2013
816955	ALU	14/607772		US	A System And Apparatus For High Capacity Mobile Wireless Hotspot Service Using Lte In The Unlicensed Spectrum	28.01.2015
801849	ALU	07291582.0	EP2073309	FR	Diversity bROADBAND rADIATING eLEMENT	21.12.2007
801849	ALU	07291582.0	EP2073309	DE	Diversity bROADBAND rADIATING eLEMENT	21.12.2007
801849	ALU	07291582.0	EP2073309	GB	Diversity bROADBAND rADIATING eLEMENT	21.12.2007
808309	ALU	11305138.7	EP2487819	DE	IEEE 1588V2 Transparent clock On-Demand (TOD)	10.02.2011
808309	ALU	11305138.7	EP2487819	GB	IEEE 1588V2 Transparent clock On-Demand (TOD)	10.02.2011
105488	ALU	05108435.8	EP1646262	FR	WAVELENGTH-SWITCH-BASED MODULAR PATCH-PANELS	14.09.2005
105488	ALU	05108435.8	EP1646262	DE	WAVELENGTH-SWITCH-BASED MODULAR PATCH-PANELS	14.09.2005
810750	ALU	201380013687.6	ZL201380013687.6	CN	Face Orientation-based Scene Interaction For Immersive Video Conferences	05.03.2013
810750	ALU	14/384883	US9402053	US	Face Orientation-based Scene Interaction For Immersive Video Conferences	05.03.2013
120216	ALU	11/442539	US7218725	US	INTERFACE BETWEEN IN AND CTI.	30.05.2006
811482	ALU	12290203.4	EP2677814	FR	Efficient Control Of Mobile Communications In Selected Areas	22.06.2012
811482	ALU	12290203.4	EP2677814	DE	Efficient Control Of Mobile Communications In Selected Areas	22.06.2012
811482	ALU	12290203.4	EP2677814	GB	Efficient Control Of Mobile Communications In Selected Areas	22.06.2012
814782	ALU	13306710.8	EP2884742	FR	System for video quality based control of example-based SR	12.12.2013
814782	ALU	13306710.8	EP2884742	DE	System for video quality based control of example-based SR	12.12.2013
814782	ALU	13306710.8	EP2884742	GB	System for video quality based control of example-based SR	12.12.2013
810152	ALU	11290543.5	EP2597792	FR	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	28.11.2011
810152	ALU	11290543.5	EP2597792	DE	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	28.11.2011
810152	ALU	11290543.5	EP2597792	GB	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	28.11.2011
813530	ALU	13306670.4	EP2882108	FR	Power Convertors Synchronised To DMT Frequency	05.12.2013
813530	ALU	13306670.4	EP2882108	DE	Power Convertors Synchronised To DMT Frequency	05.12.2013
Bejerano 20-13 (Y)	ALU	08770027.4	EP2297880	FR	Method And Apparatus For Reducing Channel Change Response Times For IPTV	03.06.2008
Bejerano 20-13 (Y)	ALU	08770027.4	EP2297880	DE	Method And Apparatus For Reducing Channel Change Response Times For IPTV	03.06.2008
Bejerano 20-13 (Y)	ALU	08770027.4	EP2297880	GB	Method And Apparatus For Reducing Channel Change Response Times For IPTV	03.06.2008
810622	ALU	12290076.4	EP2637353	FR	Collaborative Whiteboard With Paper-and-pencil And A Camera.	06.03.2012
810622	ALU	12290076.4	EP2637353	DE	Collaborative Whiteboard With Paper-and-pencil And A Camera.	06.03.2012
810622	ALU	12290076.4	EP2637353	GB	Collaborative Whiteboard With Paper-and-pencil And A Camera.	06.03.2012
811449	ALU	14/399109	US9485353	US	Detection And Identification Of Single-wire Bridged-taps On Transmission Lines	22.05.2013
814725	ALU	14/902627		US	Method For Congestion Control	29.07.2014
Kisel 7-7-2 (A)	ALU	07291319.7	EP2056562	FR	Resilient Service Quality In A Managed Multimedia Delivery Network	02.11.2007

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Kisel 7-7-2 (A)	ALU	07291319.7	EP2056562	DE	Resilient Service Quality In A Managed Multimedia Delivery Network	02.11.2007
Kisel 7-7-2 (A)	ALU	07291319.7	EP2056562	GB	Resilient Service Quality In A Managed Multimedia Delivery Network	02.11.2007
814314	ALU	2016544814		JP	A Method Of Selecting And Searching The Objects And Images Related Information On Pause Screen	18.11.2014
814314	ALU	15/110105		US	A Method Of Selecting And Searching The Objects And Images Related Information On Pause Screen	18.11.2014
815172	ALU	2016546455		JP	Crowd Region Of Interest Selector For Ultra Hd Video Stream Management	05.12.2014
815172	ALU	15/111342		US	Crowd Region Of Interest Selector For Ultra Hd Video Stream Management	05.12.2014
813679	ALU	13175360.0	EP2822246	DE	Method to include any video stream in a video conference	05.07.2013
813679	ALU	13175360.0	EP2822246	GB	Method to include any video stream in a video conference	05.07.2013
813005	ALU	13306152.3	EP2838257	FR	Including video mixing based systems in routed video sessions	15.08.2013
813005	ALU	13306152.3	EP2838257	DE	Including video mixing based systems in routed video sessions	15.08.2013
813005	ALU	13306152.3	EP2838257	GB	Including video mixing based systems in routed video sessions	15.08.2013
810918	ALU	201380025330X		CN	Optical packet multi-ring architecture	24.04.2013
810918	ALU	2015511974	JP5919435	JP	Optical packet multi-ring architecture	24.04.2013
810918	ALU	1020147031831	KR101657956	KR	Optical packet multi-ring architecture	24.04.2013
810918	ALU	14/394424	US9509408	US	Optical packet multi-ring architecture	24.04.2013
815324	ALU	13306681.1	EP2882212	FR	Blue Cube With Analogue Carrier Recovery Using A Duplex Filter And Optimized LO/RF Power Levels	09.12.2013
815324	ALU	13306681.1	EP2882212	DE	Blue Cube With Analogue Carrier Recovery Using A Duplex Filter And Optimized LO/RF Power Levels	09.12.2013
815324	ALU	13306681.1	EP2882212	GB	Blue Cube With Analogue Carrier Recovery Using A Duplex Filter And Optimized LO/RF Power Levels	09.12.2013
810725	ALU	12290030.1	EP2621188	FR	VoIP Client Control Via In-band Video Signalling	25.01.2012
810725	ALU	12290030.1	EP2621188	DE	VoIP Client Control Via In-band Video Signalling	25.01.2012
810725	ALU	12290030.1	EP2621188	GB	VoIP Client Control Via In-band Video Signalling	25.01.2012
809759	ALU	11290257.2	EP2530871	FR	QoE Method (QApp) Supporting S Dynamic Tariff Option	03.06.2011
809759	ALU	11290257.2	EP2530871	DE	QoE Method (QApp) Supporting S Dynamic Tariff Option	03.06.2011
809759	ALU	11290257.2	EP2530871	GB	QoE Method (QApp) Supporting S Dynamic Tariff Option	03.06.2011
802031	ALU	07291609.1	EP2073462	FR	Service Layer Contract ID in the pathkey extension	21.12.2007
802031	ALU	07291609.1	EP2073462	DE	Service Layer Contract ID in the pathkey extension	21.12.2007
810743	ALU	12842302.7	EP2769569	EP	LTE Subscriber Identity Correlation Service	17.10.2012
810743	ALU	2554/CHENP/2014		IN	LTE Subscriber Identity Correlation Service	17.10.2012
810743	ALU	2014536073	JP5878240	JP	LTE Subscriber Identity Correlation Service	17.10.2012
810743	ALU	20147010327	KR101611110	KR	LTE Subscriber Identity Correlation Service	17.10.2012
816876	ALU	201580005372.6		CN	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816876	ALU	15702867.1		EP	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816876	ALU	2016548012		JP	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816876	ALU	20167019630		KR	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816877	ALU	201580005361.8		CN	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	12.01.2015
816877	ALU	15701632.0		EP	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	12.01.2015
807255	ALU	10290550.2	EP2442440	FR	Envelope Tracking Transmitter Architectures for coverage of Fragmented Frequency Bands	13.10.2010
807255	ALU	10290550.2	EP2442440	DE	Envelope Tracking Transmitter Architectures for coverage of Fragmented Frequency Bands	13.10.2010
803277	ALU	2011-541150	JP5312608	JP	PREJOINING: ANTICIPATING THE ACTIVATION OF A DSL LINE	01.12.2009
810152	ALU	10-2014-7017701	KR1620879	KR	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	06.11.2012
810152	ALU	14/356214	US9231702	US	Photonics Integrated Circuit Mode Splitter For MMF Mode Multiplexing	06.11.2012
812178	ALU	201380033139.X		CN	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013
812178	ALU	13734239.0	EP2865155	EP	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013
812178	ALU	20147035413	KR101632946	KR	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013
Leven 3 (A)	ALU	04250126.2	EP1962444	FR	Direct Optical N-State Phase Shift Keying	13.01.2004
816220	ALU	14290297.2		EP	High Speed Routing Module	12.09.2014
Kisel 3-3 (A)	ALU	07291307.2	EP2053831	FR	Method For Caching Content Data Packages In Caching Nodes	26.10.2007
812260	ALU	201380060322.9		CN	Diverting Attention From Video Quality Problems	18.11.2013
812260	ALU	2015542282	JP6076494	JP	Diverting Attention From Video Quality Problems	18.11.2013

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
812260	ALU	10-2015-7016382	KR101726586	KR	Diverting Attention From Video Quality Problems	18.11.2013
812260	ALU	14/442834	US9380098	US	Diverting Attention From Video Quality Problems	18.11.2013
816893	ALU	15181663.4		EP	Optical Slot Switching Node With Embedded Monitoring	20.08.2015
817045	ALU	14306625.6		EP	Realtime Communication System Using Call Metrics To Improve End-To-End Service Quality	14.10.2014
812014	ALU	14/424683	US9369666	US	Learning enabler for automatic video orchestration in the context of video-conferences	05.06.2013
804752	ALU	09789737.5	EP2438708	GB	Notification Of Charging Rate Adjustments In Regions Of A Mobile Network To Control Bandwidth Usage In The Regions	01.06.2009
810732	ALU	201380009783.3	ZL201380009783.3	CN	Methods And Systems For Reducing Crosstalk	12.02.2013
809487	ALU	201380032300.1		CN	Method Of Connecting Boards At High Frequency	14.06.2013
809487	ALU	13732042.0		EP	Method Of Connecting Boards At High Frequency	14.06.2013
815602	ALU	15/322564		US	A One-Hand Control Method On Touch Screen Device	25.06.2015
815456	ALU	14/264194	US9728009	US	Process For Augmented Reality Based Provisioning Of 3D Models Of Indoor Internet Of Things Environment	29.04.2014
816524	ALU	14/484903	US9507932	US	Methods For Policy Enforcement In A Topology Abstraction System	12.09.2014
809694	ALU	11290281.2	EP2538635	FR	Method To Steer A HTTP To SCAP Gateway From An HTTP Server	21.06.2011
809694	ALU	11290281.2	EP2538635	DE	Method To Steer A HTTP To SCAP Gateway From An HTTP Server	21.06.2011
809694	ALU	11290281.2	EP2538635	GB	Method To Steer A HTTP To SCAP Gateway From An HTTP Server	21.06.2011
134247	ALU	07843575.7	EP2082555	DE	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	07843575.7	EP2082555	IT	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	07843575.7	EP2082555	ES	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	07843575.7	EP2082555	GB	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
813653	ALU	13305678.8	EP2806594	FR	Optimal Stability Metrics Computation For DLM Performances Optimization	24.05.2013
813653	ALU	13305678.8	EP2806594	DE	Optimal Stability Metrics Computation For DLM Performances Optimization	24.05.2013
813653	ALU	13305678.8	EP2806594	GB	Optimal Stability Metrics Computation For DLM Performances Optimization	24.05.2013
Ranka 2-9 (JK)	ALU	00303895.7	EP1054273	FR	Article Utilizing Optical Waveguides With Anomalous Dispersion At Vis-Nir Wavelengths	09.05.2000
Ranka 2-9 (JK)	ALU	00303895.7	EP1054273	DE	Article Utilizing Optical Waveguides With Anomalous Dispersion At Vis-Nir Wavelengths	09.05.2000
Ranka 2-9 (JK)	ALU	00303895.7	EP1054273	GB	Article Utilizing Optical Waveguides With Anomalous Dispersion At Vis-Nir Wavelengths	09.05.2000
810524	ALU	11290453.7	EP2575276	FR	Integrated node architecture for optical packet rings	30.09.2011
810524	ALU	11290453.7	EP2575276	DE	Integrated node architecture for optical packet rings	30.09.2011
121333	ALU	07290776.9	EP2007114	FR	INTERACTIVE EXPERIENCES FOR GEOGRAPHIC DISPERSED NOMADIC GROUPS	22.06.2007
121333	ALU	07290776.9	EP2007114	DE	INTERACTIVE EXPERIENCES FOR GEOGRAPHIC DISPERSED NOMADIC GROUPS	22.06.2007
121333	ALU	07290776.9	EP2007114	GB	INTERACTIVE EXPERIENCES FOR GEOGRAPHIC DISPERSED NOMADIC GROUPS	22.06.2007
106371	ALU	07115737.4	EP1898573	FR	COLLABORATIVE QoS IN WLAN	05.09.2007
106371	ALU	07115737.4	EP1898573	DE	COLLABORATIVE QoS IN WLAN	05.09.2007
106371	ALU	07115737.4	EP1898573	GB	COLLABORATIVE QoS IN WLAN	05.09.2007
810732	ALU	13706848.2	EP2815516	FR	Methods And Systems For Reducing Crosstalk	12.02.2013
810732	ALU	13706848.2	EP2815516	DE	Methods And Systems For Reducing Crosstalk	12.02.2013
810732	ALU	13706848.2	EP2815516	GB	Methods And Systems For Reducing Crosstalk	12.02.2013
809989	ALU	2013800315378		CN	Petabit-class packet switch architecture	25.04.2013
809989	ALU	2015524682	JP5932153	JP	Petabit-class packet switch architecture	25.04.2013
808529	ALU	11305751.7	EP2536176	FR	Transforming Text Into Voice Messages During a Telephone Call	16.06.2011
808529	ALU	11305751.7	EP2536176	DE	Transforming Text Into Voice Messages During a Telephone Call	16.06.2011
808529	ALU	11305751.7	EP2536176	GB	Transforming Text Into Voice Messages During a Telephone Call	16.06.2011
816877	ALU	2016548053		JP	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	12.01.2015
816877	ALU	20167019627		KR	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	12.01.2015
121208	ALU	07291612.5	EP2073422	FR	FORWARD ERROR CORRECTION FOR VIDEO CONTENT IN THE ACCESS NODE.	21.12.2007
809667	ALU	14/358484		US	System and Method for Interactive Online Video Preview	06.11.2012
812346	ALU	12305817.4	EP2685685	DE	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	09.07.2012

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
812346	ALU	12305817.4	EP2685685	GB	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	09.07.2012
800271	ALU	08163744.9	EP2053788	FR	SYSTEM TO PROVIDE SCALABLE TV/VIDEO FLOWS IN DISCONTINUOUS COVERAGE ENVIRONMENT	05.09.2008
800271	ALU	08163744.9	EP2053788	DE	SYSTEM TO PROVIDE SCALABLE TV/VIDEO FLOWS IN DISCONTINUOUS COVERAGE ENVIRONMENT	05.09.2008
818491	ALU	15307149.3		EP	Flexible Polyimide-(B N) Composite Substrate For Vetically Configured Bi2-Te3 Thermoelectric Modules	24.12.2015
812679	ALU	14/442776		US	Feed-Forward Filter With Broad Transmission Zero	23.10.2013
818499	ALU	15306736.8		EP	QoS Tunneling In Packet Switched Networks	30.10.2015
812096	ALU	20157006297	KR101669775	KR	Macro Antenna Feeder Network - Optimal Design, Architecture And Instantiation	02.08.2013
812096	ALU	14/421339		US	Macro Antenna Feeder Network - Optimal Design, Architecture And Instantiation	14.08.2013
816673	ALU	14193710.2		EP	Compression by rotation indexing	18.11.2014
815534	ALU	201580023232.1		CN	Virtualised Home CDN In Wired Access Node	22.04.2015
809330	ALU	201380061991.8		CN	Non-TCP Push Server In Cellular Network	08.11.2013
809330	ALU	13795384.0		EP	Non-TCP Push Server In Cellular Network	08.11.2013
809330	ALU	2015545063	JP6091644	JP	Non-TCP Push Server In Cellular Network	08.11.2013
809330	ALU	20157013427	KR101697080	KR	Non-TCP Push Server In Cellular Network	08.11.2013
809234	ALU	11306381.2	EP2587754	FR	Adaptive DSL	25.10.2011
809234	ALU	11306381.2	EP2587754	DE	Adaptive DSL	25.10.2011
809234	ALU	11306381.2	EP2587754	GB	Adaptive DSL	25.10.2011
802829	ALU	09158733.7	EP2112792	FR	Anticipated resource scheduling for interactive traffic schemes	24.04.2009
802829	ALU	09158733.7	EP2112792	DE	Anticipated resource scheduling for interactive traffic schemes	24.04.2009
802829	ALU	09158733.7	EP2112792	GB	Anticipated resource scheduling for interactive traffic schemes	24.04.2009
812418	ALU	201380059948.8		CN	Multi-Sector Antenna Structure	08.11.2013
812418	ALU	13796189.2		EP	Multi-Sector Antenna Structure	08.11.2013
812418	ALU	3343/CHENP/2015		IN	Multi-Sector Antenna Structure	08.11.2013
812418	ALU	2015542711		JP	Multi-Sector Antenna Structure	08.11.2013
812418	ALU	20157012620		KR	Multi-Sector Antenna Structure	08.11.2013
812206	ALU	20157005147	KR101642665	KR	Direct Electronic Mail	15.08.2013
811785	ALU	201380060095.X		CN	One-Way/Two-Way Mode Switching (OTS)	27.08.2013
811785	ALU	2015532357	JP5973672	JP	One-Way/Two-Way Mode Switching (OTS)	27.08.2013
811785	ALU	20157010017	KR101646889	KR	One-Way/Two-Way Mode Switching (OTS)	27.08.2013
811785	ALU	14/429539		US	One-Way/Two-Way Mode Switching (OTS)	27.08.2013
818628	ALU	15/355753		US	Sparse Dispersion Compensation For Heterogeneous-Spans Networks And Span-Skipping Dispersion Mapping	18.11.2016
809850	ALU	2012800419546	ZL2012800419546	CN	Passive cache-based tracking	24.08.2012
808214	ALU	20147012899	KR101514955	KR	WIFI mobility handover controlled by DECT mobility handover	26.10.2012
808214	ALU	14/358523	US9241288	US	WIFI mobility handover controlled by DECT mobility handover	26.10.2012
812433	ALU	2015550487	JP5997851	JP	Efficient Setup For Privacy-Preserving Database System	18.12.2013
812433	ALU	20157017104	KR101699192	KR	Efficient Setup For Privacy-Preserving Database System	18.12.2013
Gill 21-14-5 (DM)	ALU	07750498.3	EP2038702	FR	Optical Modulator	13.02.2007
Gill 21-14-5 (DM)	ALU	07750498.3	EP2038702	DE	Optical Modulator	13.02.2007
Gill 21-14-5 (DM)	ALU	07750498.3	EP2038702	GB	Optical Modulator	13.02.2007
816870	ALU	14/713295	US9584230	US	Methods For PA Output Power Detection And Return-Loss Measurements	15.05.2015
814135	ALU	15/253292		US	Method Of Providing Services Only To Service Provider Certified Devices	31.08.2016
804201	ALU	2012-515434	JP5372247	JP	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	10.06.2010
804201	ALU	2011-7030123	KR101318020	KR	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	10.06.2010
804201	ALU	13/378901	US8867347	US	CHOKING-BASED CONGESTION CONTROL RELYING ON LEARNED TRAFFIC CHARACTERISTICS	10.06.2010
815602	ALU	15777730.1		EP	A One-Hand Control Method On Touch Screen Device	25.06.2015
807562	ALU	201180058914.8	ZL201180058914.8	CN	Broken Analogue-Front-End Detection via Reflectometry	30.11.2011
807562	ALU	2013-542464	JP5711823	JP	Broken Analogue-Front-End Detection via Reflectometry	30.11.2011
807562	ALU	10-2013-7017494	KR101520312	KR	Broken Analogue-Front-End Detection via Reflectometry	30.11.2011
807562	ALU	13/884111	US9008280	US	Broken Analogue-Front-End Detection via Reflectometry	30.11.2011
810941	ALU	201380034008.3		CN	Increased Connector Port Density Via Extending Faceplate	25.06.2013
810941	ALU	13809926.2		EP	Increased Connector Port Density Via Extending Faceplate	25.06.2013
810941	ALU	2015518742	JP6054525	JP	Increased Connector Port Density Via Extending Faceplate	25.06.2013
806254	ALU	11702553.6	EP2529570	GB	Method And Apparatus For Tracing Mobile Sessions	21.01.2011
Li 13-33-55 (L)	ALU	08779826.0	EP2174449	FR	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Li 13-33-55 (L)	ALU	08779826.0	EP2174449	DE	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008
Li 13-33-55 (L)	ALU	08779826.0	EP2174449	GB	Routing Protocol For A Network Employing Multi-User Wireless Channels	26.06.2008
804890	ALU	201180010889.6	ZL201180010889.6	CN	Wireless Human Interface Device Creation Module With Storage Device Formfactor	16.02.2011
804890	ALU	2012-554293	JP5698768	JP	Wireless Human Interface Device Creation Module With Storage Device Formfactor	16.02.2011
804890	ALU	2012-7025332	KR10-1534906	KR	Wireless Human Interface Device Creation Module With Storage Device Formfactor	16.02.2011
810524	ALU	11290453.7	EP2575276	GB	Integrated node architecture for optical packet rings	30.09.2011
809339	ALU	2012800547756		CN	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	14.08.2012
809339	ALU	14/344672	US9668150	US	Exploiting Selective Flows Protection In Adaptive Code Modulation Radio System	14.08.2012
814468	ALU	13306398.2	EP2860933	FR	Method and apparatus for optimizing the personalized delivery of multiple media by maximizing the value of the pool of contents	10.10.2013
814468	ALU	13306398.2	EP2860933	DE	Method and apparatus for optimizing the personalized delivery of multiple media by maximizing the value of the pool of contents	10.10.2013
814468	ALU	13306398.2	EP2860933	GB	Method and apparatus for optimizing the personalized delivery of multiple media by maximizing the value of the pool of contents	10.10.2013
806478	ALU	10290380.4	EP2405686	FR	Automatic adaptation of antenna tilt angle in mobile radio networks	09.07.2010
806478	ALU	10290380.4	EP2405686	DE	Automatic adaptation of antenna tilt angle in mobile radio networks	09.07.2010
806478	ALU	10290380.4	EP2405686	GB	Automatic adaptation of antenna tilt angle in mobile radio networks	09.07.2010
811572	ALU	12305675.6		EP	Network Topology Aware Streaming Analytics System	14.06.2012
815456	ALU	201580023595.5		CN	Process For Augmented Reality Based Provisioning Of 3D Models Of Indoor Internet Of Things Environment	10.04.2015
815456	ALU	15756976.5		EP	Process For Augmented Reality Based Provisioning Of 3D Models Of Indoor Internet Of Things Environment	10.04.2015
808322	ALU	11290214.3	EP2521227	DE	Semiconductor Optical Amplifier Device And Optical Matrix Switch	04.05.2011
808322	ALU	11290214.3	EP2521227	GB	Semiconductor Optical Amplifier Device And Optical Matrix Switch	04.05.2011
813530	ALU	13306670.4	EP2882108	GB	Power Convertors Synchronised To DMT Frequency	05.12.2013
811750	ALU	12290161.4	EP2665239	FR	Deadline Based Priority Mapping For HTTP Adaptive Streaming	14.05.2012
811750	ALU	12290161.4	EP2665239	DE	Deadline Based Priority Mapping For HTTP Adaptive Streaming	14.05.2012
811750	ALU	12290161.4	EP2665239	GB	Deadline Based Priority Mapping For HTTP Adaptive Streaming	14.05.2012
139250	ALU	15/232634		US	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	09.08.2016
809363	ALU	201280053187.0		CN	Method For Selectively Exposing Subscriber Data	16.10.2012
809989	ALU	12305931.3	EP2693769	DE	Petabit-class packet switch architecture	30.07.2012
809989	ALU	12305931.3	EP2693769	GB	Petabit-class packet switch architecture	30.07.2012
804683	ALU	10727629.7	EP2449733	FR	Linking Inner and Outer MPLS Labels	22.06.2010
808209	ALU	11776774.9	EP2641348	FR	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
808209	ALU	11776774.9	EP2641348	DE	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
808209	ALU	11776774.9	EP2641348	GB	Multi-link (delay) Asymmetry Monitoring (MAM)	27.10.2011
134247	ALU	07843575.7	EP2082555	FR	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
811416	ALU	12305202.9	EP2632072	FR	Remote Transmission Selection Unit For A Latency Tolerant C-RAN Architecture	22.02.2012
811416	ALU	12305202.9	EP2632072	DE	Remote Transmission Selection Unit For A Latency Tolerant C-RAN Architecture	22.02.2012
811416	ALU	12305202.9	EP2632072	GB	Remote Transmission Selection Unit For A Latency Tolerant C-RAN Architecture	22.02.2012
800504	ALU	08853651.1	EP2208262	FR	S-band EDFA	07.11.2008
800504	ALU	08853651.1	EP2208262	DE	S-band EDFA	07.11.2008
800504	ALU	08853651.1	EP2208262	GB	S-band EDFA	07.11.2008

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
810385	ALU	2013800086608	ZL201380008660.8	CN	Instantaneous Detection Of Missing POTS Splitter	05.02.2013
810385	ALU	2014556021	JP5948441	JP	Instantaneous Detection Of Missing POTS Splitter	05.02.2013
Li 10-31-52 (L)	ALU	08794382.5	EP2174452	FR	Superposition Coding For Wireless Mesh Networks	26.06.2008
Li 10-31-52 (L)	ALU	08794382.5	EP2174452	DE	Superposition Coding For Wireless Mesh Networks	26.06.2008
Li 10-31-52 (L)	ALU	08794382.5	EP2174452	GB	Superposition Coding For Wireless Mesh Networks	26.06.2008
815064	ALU	13306413.9	EP2863646	GB	Flexnode Slice Management	15.10.2013
K V M 3-71-2-3 (N)[1]	ALU	14/870305		US	Mobile Station With Expanded Storage Space And Method Of Retrieving Files By the Mobile Station	28.09.2015
818316	ALU	15306910.9		EP	Local Advertisment Of Smart-Environment Operators (Laseo)	02.12.2015
807593	ALU	13/995621	US9674250	US	Automatic Video Image Annotation	14.12.2011
808959	ALU	201180061749.1	ZL201180061749.1	CN	Integrated Video Monitoring Planning, Camera Configuration & Calibration For CCTV Deployment	21.12.2011
808959	ALU	2013-545369	JP5806331	JP	Integrated Video Monitoring Planning, Camera Configuration & Calibration For CCTV Deployment	21.12.2011
806401	ALU	201180056751.X	ZL201180056751.X	CN	MDC Video Services Usage For Efficient Green Transmission	13.10.2011
806401	ALU	2013540281	JP5567746	JP	MDC Video Services Usage For Efficient Green Transmission	13.10.2011
806401	ALU	20137016454	KR101521838	KR	MDC Video Services Usage For Efficient Green Transmission	13.10.2011
806401	ALU	13/989349	US9491629	US	MDC Video Services Usage For Efficient Green Transmission	13.10.2011
813708	ALU	13305970.9	EP2824844	FR	Method For The Detection Of Line Unbalance, Based On Hlog Measurement	08.07.2013
813708	ALU	13305970.9	EP2824844	DE	Method For The Detection Of Line Unbalance, Based On Hlog Measurement	08.07.2013
813708	ALU	13305970.9	EP2824844	GB	Method For The Detection Of Line Unbalance, Based On Hlog Measurement	08.07.2013
814435	ALU	13306341.2	EP2860940	FR	Social Hint-based Caching	27.09.2013
806478	ALU	13/809235	US9408089	US	Automatic adaptation of antenna tilt angle in mobile radio networks	20.05.2011
815634	ALU	201580011507.X		CN	Access Control Design For A Secure And Efficient RFID Data Communication	11.02.2015
815634	ALU	15730834.7		EP	Access Control Design For A Secure And Efficient RFID Data Communication	11.02.2015
815634	ALU	2016555533		JP	Access Control Design For A Secure And Efficient RFID Data Communication	11.02.2015
815634	ALU	20167024320		KR	Access Control Design For A Secure And Efficient RFID Data Communication	11.02.2015
811950	ALU	14/717378		US	System And Method Implementing FEC Route Reflector	20.05.2015
812120	ALU	2016504562	JP6171082	JP	ASE-based Loading channel for stream of optical packets	17.03.2014
812120	ALU	20157030894	KR101757660	KR	ASE-based Loading channel for stream of optical packets	17.03.2014
812120	ALU	14/766822		US	ASE-based Loading channel for stream of optical packets	17.03.2014
807752	ALU	11305171.8		EP	Packet Shaping & DDR Scheduling with Dynamic Range Compression	18.02.2011
813354	ALU	14/606286		US	High Availability Online Charging Solution For Always On IP Connectivity	27.01.2015
816023	ALU	14305727.1	EP2947818	FR	Method For A Fast, Incremental Optimization Of Deployed Photonic Networks	19.05.2014
816023	ALU	14305727.1	EP2947818	DE	Method For A Fast, Incremental Optimization Of Deployed Photonic Networks	19.05.2014
816023	ALU	14305727.1	EP2947818	GB	Method For A Fast, Incremental Optimization Of Deployed Photonic Networks	19.05.2014
105478	ALU	05300858.7	EP1657865	GB	Sanity Proved BGP-update message	26.10.2005
Yang 12-14-9 (Y)	ALU	06739696.0	EP1869940	DE	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	28.03.2006
Yang 12-14-9 (Y)	ALU	06739696.0	EP1869940	GB	Method For Reverse Link Congestion Overload Control In Wireless High Speed Data Applications	28.03.2006
811893	ALU	12290265.3	EP2698961	FR	Cloud Security	01.08.2012
811893	ALU	12290265.3	EP2698961	DE	Cloud Security	01.08.2012
811893	ALU	12290265.3	EP2698961	GB	Cloud Security	01.08.2012
817603	ALU	15290223.5		EP	Explicit Congestion Duration Provisioning In A Deadline-Aware System	26.08.2015
121022	ALU	201410124290.0		CN	HOME IP PLUG CONTROLLER.	28.03.2014
809557	ALU	11177478.2	EP2562978	GB	Design Of A Content Router	12.08.2011
803112	ALU	08290804.7	EP2159974	DE	DANTE - Distributed Ant algorithm for end-to-end quality of service Negotiation and Traffic Engineering	27.08.2008
803112	ALU	08290804.7	EP2159974	GB	DANTE - Distributed Ant algorithm for end-to-end quality of service Negotiation and Traffic Engineering	27.08.2008
815751	ALU	14/502628	US9369379	US	Method And System For Secured Contexts In MPLS LFIB	30.09.2014
804501	ALU	09290683.3	EP2293493	FR	Core Network Native Multicast (CNNM)	08.09.2009

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804501	ALU	09290683.3	EP2293493	DE	Core Network Native Multicast (CNNM)	08.09.2009
804501	ALU	09290683.3	EP2293493	GB	Core Network Native Multicast (CNNM)	08.09.2009
818255	ALU	PCT/US2017/013606		WO	0204 Shifted Vias With Merge Pads	14.01.2017
802718	ALU	08305215.9	EP2131614	GB	Broadcast services and DSL backhauled Femto Base Stations	30.05.2008
814827	ALU	14/083723	US9535837	US	An Efficient Decentralized Online Cache Management Algorithm	19.11.2013
802611	ALU	0760073	FR2925821	FR	Shared-Meshed acceleration based on pre-tuning savings	20.12.2007
802611	ALU	08170414.0	EP2073566	EP	Shared-Meshed acceleration based on pre-tuning savings	02.12.2008
808758	ALU	13/983857	US9418012	US	Dynamic HAS Caching Algorithms	02.02.2012
818255	ALU	15/000941	US9635760	US	0204 Shifted Vias With Merge Pads	19.01.2016
813688	ALU	13/887746	US9560172	US	Method And Apparatus For Statelessly Filtering TCP Keep-Alive Packets	06.05.2013
810148	ALU	14/489110		US	De-Pop On-Device Decoupling For BGA	17.09.2014
Bu 9-8-29 (T)	ALU	14/534469		US	Methods And Systems For Providing Controlled Access To The Internet	06.11.2014
811497	ALU	14/600737		US	Apparatus And Method For Meeting Performance Metrics For Users In File Systems	20.01.2015
Guo 16-83-66 (KH)	ALU	07753388.3	EP2002599	DE	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Guo 16-83-66 (KH)	ALU	07753388.3	EP2002599	GB	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
814696	ALU	14/193215		US	IPTV Application For Public WiFi Network	28.02.2014
811548	ALU	12306010.5	EP2635088	EP	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	20.08.2012
801907	ALU	07291342.9	EP2058960	FR	General broadcasting of fake channels	08.11.2007
801907	ALU	07291342.9	EP2058960	DE	General broadcasting of fake channels	08.11.2007
801907	ALU	07291342.9	EP2058960	GB	General broadcasting of fake channels	08.11.2007
809733	ALU	12766053.8		EP	Packet-Based Propagation Of Testing Information	21.09.2012
809733	ALU	3228/DELNP/2014		IN	Packet-Based Propagation Of Testing Information	21.09.2012
809733	ALU	2014533828	JP6012739	JP	Packet-Based Propagation Of Testing Information	21.09.2012
809733	ALU	20147011724	KR101549426	KR	Packet-Based Propagation Of Testing Information	21.09.2012
817068	ALU	15305524.9		EP	Harmonic Suppression At The Excitation Ports In Coaxial Cavity Filters	09.04.2015
815534	ALU	2016-565328		JP	Virtualised Home CDN In Wired Access Node	22.04.2015
815534	ALU	15/300591		US	Virtualised Home CDN In Wired Access Node	22.04.2015
137875	ALU	05783746.0	EP1774750	FR	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	22.07.2005
137875	ALU	05783746.0	EP1774750	DE	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	22.07.2005
137875	ALU	05783746.0	EP1774750	GB	A Mechanism To Reduce Signaling Latencies For Offering Real-Time Services To Roaming Mobile Corporate Users	22.07.2005
817377	ALU	15305451.5		EP	Digital Iq Pulse Width Modulation For Switch Mode Amplifier	27.03.2015
808232	ALU	2013-7026619	KR10-1513386	KR	Automated video "twitting"	08.03.2012
808232	ALU	14/004328	US9560268	US	Automated video "twitting"	08.03.2012
810133	ALU	201280039012.4	ZL201280039012.4	CN	Method And Apparatus For Comparing Videos	31.07.2012
810133	ALU	12751642.5		EP	Method And Apparatus For Comparing Videos	31.07.2012
809487	ALU	13/526817	US9627739	US	Method Of Connecting Boards At High Frequency	19.06.2012
Bu 6-6-40 (T)	ALU	06845546.8	EP1964366	EP	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
Bu 6-6-40 (T)	ALU	3087/CHENP/2008	IN281622	IN	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
Bude 7-21-24 (JD)	ALU	09/616569	US6528845	US	Non-Volatile Semiconductor Memory Cell Utilizing Trapped Charge Generated By Channel-Initiated Secondary Electron Injection	14.07.2000
816876	ALU	14/514938	US9509774	US	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	15.10.2014
816877	ALU	14/514905	US9503525	US	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	15.10.2014
802096	ALU	08748457.2	EP2278782	FR	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
802096	ALU	08748457.2	EP2278782	DE	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
802096	ALU	08748457.2	EP2278782	GB	Query waiting queue position by using SIP SUBSCRIBE/NOTIFY message	05.05.2008
815456	ALU	2016565302		JP	Process For Augmented Reality Based Provisioning Of 3D Models Of Indoor Internet Of Things Environment	10.04.2015
814295	ALU	201580035906.X		CN	Customizable collaboration background	21.04.2015
814295	ALU	20167033749		KR	Customizable collaboration background	21.04.2015
814295	ALU	15/308158		US	Customizable collaboration background	21.04.2015
804002	ALU	10713711.9	EP2396957	FR	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	10.02.2010

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804002	ALU	10713711.9	EP2396957	DE	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	10.02.2010
813768	ALU	201480062234.7		CN	Transparent Content Origin	17.09.2014
813768	ALU	20167012759		KR	Transparent Content Origin	17.09.2014
813768	ALU	15/036323		US	Transparent Content Origin	17.09.2014
814579	ALU	201480063514.X		CN	Transparent Cache Efficiency In IP Networks	17.09.2014
814579	ALU	1020167013415		KR	Transparent Cache Efficiency In IP Networks	17.09.2014
812819	ALU	201380052817.7		CN	Method For Deploying Geographically-Distributed Applications Within A Distributed Cloud	30.09.2013
812819	ALU	13844529.1		EP	Method For Deploying Geographically-Distributed Applications Within A Distributed Cloud	30.09.2013
812819	ALU	2015536234	JP6113849	JP	Method For Deploying Geographically-Distributed Applications Within A Distributed Cloud	30.09.2013
809893	ALU	12759596.5		EP	Archive Control For Text Messages	05.09.2012
809893	ALU	1949/DELNP/2014		IN	Archive Control For Text Messages	05.09.2012
809893	ALU	2014531846	JP6000359	JP	Archive Control For Text Messages	05.09.2012
817293	ALU	15290094.0		EP	Colourless Add/Drop Dwdm System Using Novel Monitoring And N+1 Protection	09.04.2015
809293	ALU	10-2013-7026168	KR10-1547046	KR	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	03.04.2012
816923	ALU	15/512259		US	Fast Start and Zap For HTTP Adaptive Streaming	15.09.2015
815445	ALU	14305279.3		EP	Method To Send In-Network Based Congestion/Packet Drop Indication	27.02.2014
810895	ALU	12306429.7		EP	Accurate selection and interaction with connected real world object (RWO) in mobile Augmented Reality	16.11.2012
Bachl 29-10 (RW)	ALU	08713122.3	EP2127464	FR	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	14.01.2008
Bachl 29-10 (RW)	ALU	08713122.3	EP2127464	DE	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	14.01.2008
Bachl 29-10 (RW)	ALU	08713122.3	EP2127464	GB	Dynamic Power Allocation For Unicast-Multicast Superposition In Wireless Broadcasting	14.01.2008
106264	ALU	07731545.5	EP1982465	FR	MBMS CONTROL CHANNEL MONITORING WITHOUT MBMS INDICATION CHANNEL	31.01.2007
106264	ALU	07731545.5	EP1982465	DE	MBMS CONTROL CHANNEL MONITORING WITHOUT MBMS INDICATION CHANNEL	31.01.2007
106264	ALU	07731545.5	EP1982465	GB	MBMS CONTROL CHANNEL MONITORING WITHOUT MBMS INDICATION CHANNEL	31.01.2007
Acharya 31-14-18 (S)	ALU	08768261.3	EP2168342	FR	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
Acharya 31-14-18 (S)	ALU	08768261.3	EP2168342	DE	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
Acharya 31-14-18 (S)	ALU	08768261.3	EP2168342	GB	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
811495	ALU	12290126.7	EP2651123	FR	Implementation Of A Network PVR	10.04.2012
811495	ALU	12290126.7	EP2651123	DE	Implementation Of A Network PVR	10.04.2012
811495	ALU	12290126.7	EP2651123	GB	Implementation Of A Network PVR	10.04.2012
816568	ALU	15736302.9		EP	Presence-based Nested Capability Discovery	16.07.2015
816568	ALU	15/326253		US	Presence-based Nested Capability Discovery	16.07.2015
811713	ALU	13716707.8		EP	System And Method For Routable LDP LSR Identifier In IPv6 Networks	04.04.2013
811713	ALU	2015504739	JP5992602	JP	System And Method For Routable LDP LSR Identifier In IPv6 Networks	04.04.2013
811713	ALU	20147027896	KR101593356	KR	System And Method For Routable LDP LSR Identifier In IPv6 Networks	04.04.2013
811714	ALU	201380018768.5		CN	System And Method Providing For Multiple LDP Instances	04.04.2013
812178	ALU	13734239.0	EP2865155	FR	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013
812178	ALU	13734239.0	EP2865155	DE	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013
812178	ALU	13734239.0	EP2865155	GB	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013
814472	ALU	14305147.2	EP2903185	FR	Optical amplifier architecture for spatial division multiplexing	03.02.2014
814472	ALU	14305147.2	EP2903185	DE	Optical amplifier architecture for spatial division multiplexing	03.02.2014
814472	ALU	14305147.2	EP2903185	GB	Optical amplifier architecture for spatial division multiplexing	03.02.2014
139279	ALU	201410464353.7		CN	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	13.10.2005
806261	ALU	13/637479		US	System and Method for Transforming Web from 2D into 3D	08.03.2011
131326	ALU	07008293.8	EP1850423	FR	GIG-Array Connectors unhooking device	24.04.2007
131326	ALU	07008293.8	EP1850423	DE	GIG-Array Connectors unhooking device	24.04.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
805480	ALU	10788094.0	EP2522091	FR	Optical network exploiting adaptive bit-rate Transponders for "soft" protection	16.12.2010
812879	ALU	2013800583352		CN	Seamless communication application shift	21.10.2013
812879	ALU	3798/DELNP/2015		IN	Seamless communication application shift	21.10.2013
812879	ALU	2015544392	JP5989917	JP	Seamless communication application shift	21.10.2013
808988	ALU	11290069.1	EP2485467	GB	An Innovative Way Of Making Your Friends Listen To The Music Via Cellphones	31.01.2011
809434	ALU	12735869.5	EP2754311	DE	Protection against robbery of mobile	13.07.2012
809434	ALU	12735869.5	EP2755411	GB	Protection against robbery of mobile	13.07.2012
801470	ALU	09703949.9	EP2260628	FR	MAC ADDRESS FLOODING DEFENCE	08.01.2009
812260	ALU	12306443.8	EP2733903	FR	Diverting Attention From Video Quality Problems	20.11.2012
812260	ALU	12306443.8	EP2733903	DE	Diverting Attention From Video Quality Problems	20.11.2012
812260	ALU	12306443.8	EP2733903	GB	Diverting Attention From Video Quality Problems	20.11.2012
804108	ALU	09305363.5	EP2247004	FR	Class-O LINC Transmitter	28.04.2009
804108	ALU	09305363.5	EP2247004	DE	Class-O LINC Transmitter	28.04.2009
804108	ALU	09305363.5	EP2247004	GB	Class-O LINC Transmitter	28.04.2009
804183	ALU	09305402.1	EP2249525	DE	Stitching of Labels for Inter-Carrier service Enforcement (SLICE)	06.05.2009
804183	ALU	09305402.1	EP2249525	GB	Stitching of Labels for Inter-Carrier service Enforcement (SLICE)	06.05.2009
813699	ALU	13290227.1	EP2852067	FR	Successive Distributed Vectoring	23.09.2013
813699	ALU	13290227.1	EP2852067	DE	Successive Distributed Vectoring	23.09.2013
813699	ALU	13290227.1	EP2852067	GB	Successive Distributed Vectoring	23.09.2013
817847	ALU	15305405.1		EP	Congestion Controlled Priority Scheduler	20.03.2015
105318	ALU	05300451.1	EP1612979	FR	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	03.06.2005
105318	ALU	05300451.1	EP1612979	DE	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	03.06.2005
105318	ALU	05300451.1	EP1612979	GB	DISTRIBUTED RE-SYNCHRONISATION POINTS FOR CIRCUIT EMULATION SERVICES	03.06.2005
815570	ALU	201580035495.4		CN	Battery Based Mptcp Optimization For Wifi / 3gpp Interworking	24.06.2015
815570	ALU	15739702.7		EP	Battery Based Mptcp Optimization For Wifi / 3gpp Interworking	24.06.2015
815570	ALU	2016575793		JP	Battery Based Mptcp Optimization For Wifi / 3gpp Interworking	24.06.2015
809746	ALU	13/608531	US8903238	US	Ultra Dense WDM With Agile And Flexible DSP Add-Drop	10.09.2012
808769	ALU	2014517598	JP5890015	JP	Digital post compensation of local oscillator phase noise for coherent receivers.	20.06.2012
808769	ALU	14/122332	US9219551	US	Digital post compensation of local oscillator phase noise for coherent receivers.	20.06.2012
810404	ALU	12150879.0	EP2615755	FR	Super "Multicast switch"-based A/D block for transparent WDM node	12.01.2012
810404	ALU	12150879.0	EP2615755	DE	Super "Multicast switch"-based A/D block for transparent WDM node	12.01.2012
810404	ALU	12150879.0	EP2615755	GB	Super "Multicast switch"-based A/D block for transparent WDM node	12.01.2012
801741	ALU	07291440.1	EP2066103	FR	SIS SPLITTER	30.11.2007
801741	ALU	07291440.1	EP2066103	DE	SIS SPLITTER	30.11.2007
801741	ALU	07291440.1	EP2066103	GB	SIS SPLITTER	30.11.2007
808936	ALU	12360005.8	EP2621202	FR	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	27.01.2012
808936	ALU	12360005.8	EP2621202	DE	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	27.01.2012
808936	ALU	12360005.8	EP2621202	GB	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	27.01.2012
800503	ALU	08747142.1	EP2153650	FR	New Mechanisms for Commerical Insertion	30.04.2008
800503	ALU	08747142.1	EP2153650	DE	New Mechanisms for Commerical Insertion	30.04.2008
800503	ALU	08747142.1	EP2153650	GB	New Mechanisms for Commerical Insertion	30.04.2008
812260	ALU	12306443.8	EP2733903	EP	Diverting Attention From Video Quality Problems	20.11.2012
817470	ALU	15305416.8		EP	Timeserv: Mechanism For Providing Latency-Controlled Services	23.03.2015
Xie 19 (C)	ALU	09788933.1	EP2329609	FR	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
Xie 19 (C)	ALU	09788933.1	EP2329609	DE	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
Xie 19 (C)	ALU	09788933.1	EP2329609	GB	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
808797	ALU	14/110612	US9282464	US	A Novel QoS Aware Multi-radio Access Point over TV Whitespaces.	08.04.2011
809293	ALU	2012800168938	ZL201280016893.8	CN	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	03.04.2012
809293	ALU	2014-503108	JP5670599	JP	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	03.04.2012
809293	ALU	14/005087	US9124429	US	Remote Coupling of Phantom Signals (inclusive implemention schemes and optimisations)	03.04.2012
817150	ALU	14/561029	US9414386	US	A System And Method For User Equipment Initiated Unlicensed Secondary Carrier Activation/Deactivation Mechanism	04.12.2014
807872	ALU	10306291.5	EP2458793	FR	Dynamic Metric Calculation In IP Over CLNP Tunnels	24.11.2010
807872	ALU	10306291.5	EP2458793	DE	Dynamic Metric Calculation In IP Over CLNP Tunnels	24.11.2010

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807872	ALU	10306291.5	EP2458793	GB	Dynamic Metric Calculation In IP Over CLNP Tunnels	24.11.2010
812346	ALU	12305817.4	EP2685685	FR	Method For Achieving End-To-End Path Diversity For Dual-Homed UNI-Clients	09.07.2012
812035	ALU	13170561.8	EP2712161	FR	Method For Remote Detection Of Reversed POTS Splitters	05.06.2013
812035	ALU	13170561.8	EP2712161	DE	Method For Remote Detection Of Reversed POTS Splitters	05.06.2013
812035	ALU	13170561.8	EP2712161	GB	Method For Remote Detection Of Reversed POTS Splitters	05.06.2013
Batni 18-18 (RP)	ALU	14/595329	US9699321	US	Method And Apparatus For Providing Customized Ring Back To Calling Terminals In A Cable Network	13.01.2015
811105	ALU	201380017737.8		CN	Method And Apparatus For Authenticating Video Content	15.03.2013
811105	ALU	13714117.2	EP2832110	EP	Method And Apparatus For Authenticating Video Content	15.03.2013
811105	ALU	2015503324	JP5937270	JP	Method And Apparatus For Authenticating Video Content	15.03.2013
810912	ALU	12305179.9	EP2629435	FR	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	16.02.2012
810912	ALU	12305179.9	EP2629435	DE	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	16.02.2012
810912	ALU	12305179.9	EP2629435	GB	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	16.02.2012
814499	ALU	14305398.1	EP2922226	FR	Packet power and phase detector for slotted rings	20.03.2014
814499	ALU	14305398.1	EP2922226	DE	Packet power and phase detector for slotted rings	20.03.2014
816518	ALU	14306277.6		EP	Undersampled Dsm-Pwm Hybrid	14.08.2014
803671	ALU	200880131572.6	ZL200880131572.6	CN	Generation of a simple feedback signal for optical PMDC	07.11.2008
803671	ALU	12/998133	US8958704	US	Generation of a simple feedback signal for optical PMDC	07.11.2008
804775	ALU	10761047.9	EP2471274	FR	Criteria for the selection of physical parameters of bi-directional links	12.08.2010
804775	ALU	10761047.9	EP2471274	DE	Criteria for the selection of physical parameters of bi-directional links	12.08.2010
804775	ALU	10761047.9	EP2471274	GB	Criteria for the selection of physical parameters of bi-directional links	12.08.2010
811970	ALU	15/407459		US	Reducing Costs Related To Use Of Networks Based On Pricing Heterogeneity	17.01.2017
810652	ALU	11306687.2	EP2605453	FR	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	16.12.2011
810652	ALU	11306687.2	EP2605453	DE	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	16.12.2011
810652	ALU	11306687.2	EP2605453	GB	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	16.12.2011
804722	ALU	10773628.2		EP	Techniques for Caching and Pre-fetching of Mobile Content At the Network Edge Based on Prediction of Users' Locations and Content Demands	04.11.2010
804722	ALU	2012537402		JP	Techniques for Caching and Pre-fetching of Mobile Content At the Network Edge Based on Prediction of Users' Locations and Content Demands	04.11.2010
811548	ALU	12306010.5	EP2635088	DE	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	20.08.2012
811548	ALU	12306010.5	EP2635088	GB	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	20.08.2012
807268	ALU	201180036306.7	ZL201180036306.7	CN	Synchronous Ethernet ESMC and SDH/SONET Time Inter-Working Function (EST-IWF)	30.06.2011
807268	ALU	11729113.8		EP	Synchronous Ethernet ESMC and SDH/SONET Time Inter-Working Function (EST-IWF)	30.06.2011
807268	ALU	2013517299	JP5653518	JP	Synchronous Ethernet ESMC and SDH/SONET Time Inter-Working Function (EST-IWF)	30.06.2011
807268	ALU	20137002409	KR101492747	KR	Synchronous Ethernet ESMC and SDH/SONET Time Inter-Working Function (EST-IWF)	30.06.2011
807268	ALU	13/806212	US9264212	US	Synchronous Ethernet ESMC and SDH/SONET Time Inter-Working Function (EST-IWF)	30.06.2011
810918	ALU	12305545.1	EP2665212	FR	Optical packet multi-ring architecture	16.05.2012
810918	ALU	12305545.1	EP2665212	DE	Optical packet multi-ring architecture	16.05.2012
810918	ALU	12305545.1	EP2665212	GB	Optical packet multi-ring architecture	16.05.2012
809234	ALU	2012800524203	ZL2012800524203	CN	Adaptive DSL	09.10.2012
809234	ALU	2014-537550	JP5758551	JP	Adaptive DSL	09.10.2012
809234	ALU	10-2014-7010747	KR10-1558828	KR	Adaptive DSL	09.10.2012

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807363	ALU	201010503247.7	ZL201010503247.7	CN	QoS-Oriented Scheduling Mechanisms For ATCA Based Products	28.09.2010
816197	ALU	14306402.0		EP	System For Block-based TV	12.09.2014
807440	ALU	13/007883	US9667539	US	Transparency Of Customer QoS Indication Through A PBB Backbone	17.01.2011
815487	ALU	201580032752.9		CN	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	23.06.2015
815487	ALU	20177002071		JP	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	23.06.2015
815487	ALU	PCT/EP2015/064044		KR	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	23.06.2015
815487	ALU	15/320565		US	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	23.06.2015
810133	ALU	13/206856	US8639040	US	Method And Apparatus For Comparing Videos	10.08.2011
103728	ALU	01403147.0	EP1237381	FR	SIGNALLING LINK FOR AERONAUTICAL GSM	06.12.2001
103728	ALU	01403147.0	EP1237381	DE	SIGNALLING LINK FOR AERONAUTICAL GSM	06.12.2001
103728	ALU	01403147.0	EP1237381	GB	SIGNALLING LINK FOR AERONAUTICAL GSM	06.12.2001
115006	ALU	06291267.0	EP1884758	FR	Control loop for an integrated measurement procedure	03.08.2006
115006	ALU	06291267.0	EP1884758	DE	Control loop for an integrated measurement procedure	03.08.2006
810732	ALU	13/399515	US8817903	US	Methods And Systems For Reducing Crosstalk	17.02.2012
810733	ALU	13/399479	US8761294	US	Methods And Systems For Reducing Crosstalk	17.02.2012
808988	ALU	11290069.1	EP2485467	FR	An Innovative Way Of Making Your Friends Listen To The Music Via Cellphones	31.01.2011
808988	ALU	11290069.1	EP2485467	DE	An Innovative Way Of Making Your Friends Listen To The Music Via Cellphones	31.01.2011
814473	ALU	13/911816		US	Method And Apparatus For Improved Multicast Rate Control Using Feedback Mobiles	06.06.2013
809355	ALU	20137026992	KR101474186	KR	Condensed Core-Energy-Efficient Architecture For Wan IP Backbones	11.04.2012
809322	ALU	12755638.9		EP	A Tubable Optical Frequency Comb Generator	06.03.2012
815166	ALU	14307056.3		EP	Method of operating two-section (R)SOA for 10 Gbit/s transmission	16.12.2014
813667	ALU	14/501628	US9491675	US	Policy Engine In Mobile Unit For Enhanced Femtocell Handover	30.09.2014
805087	ALU	09290882.1	EP2326129	FR	Local Network Access For UE's In Coverage Of Home NodeBs	20.11.2009
805087	ALU	09290882.1	EP2326129	DE	Local Network Access For UE's In Coverage Of Home NodeBs	20.11.2009
805087	ALU	09290882.1	EP2326129	GB	Local Network Access For UE's In Coverage Of Home NodeBs	20.11.2009
811418	ALU	112014020067.0		BR	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
811418	ALU	201380009163.X		CN	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
811418	ALU	13705877.2	EP2815525	EP	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
811418	ALU	6070/CHENP/2014		IN	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
814888	ALU	14290317.8		EP	Content-based Rate Adaptation For Interactive Audio/video Communication Over The Web	21.10.2014
808610	ALU	12305173.2	EP2629546	FR	Ad-Play Grace Period in Program Switch and Search Modes	16.02.2012
137429	ALU	08150988.7	EP1915024	FR	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	26.09.2002
137429	ALU	08150988.7	EP1915024	DE	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	26.09.2002
137429	ALU	08150988.7	EP1915024	GB	OPTIMIZATION OF REDUNDANT LINK USAGE IN A MULTI-SHELF NE	26.09.2002
814223	ALU	14/512941		US	Adaptive Streaming In Wireless Communication Systems	13.10.2014
121312	ALU	07290716.5	EP2001153	FR	DYNAMIC CODE MANAGEMENT BASED ON INTERPOLATED OR EXTRAPOLATED IMPULSE NOISE MEASUREMENTS.	08.06.2007
817150	ALU	201580065294.9		CN	A System And Method For User Equipment Initiated Unlicensed Secondary Carrier Activation/Deactivation Mechanism	01.12.2015
817150	ALU	15823846.9		EP	A System And Method For User Equipment Initiated Unlicensed Secondary Carrier Activation/Deactivation Mechanism	01.12.2015
817150	ALU	2017529643		JP	A System And Method For User Equipment Initiated Unlicensed Secondary Carrier Activation/Deactivation Mechanism	01.12.2015
817150	ALU	20177015006		KR	A System And Method For User Equipment Initiated Unlicensed Secondary Carrier Activation/Deactivation Mechanism	01.12.2015
814578	ALU	13290270.1		EP	Suspended Stripline Crossover With Capactively Coupled Groundplane	05.11.2013
811548	ALU	12306010.5	EP2635088	FR	Clustering Of Transmission Points With Reduced Complexity And Signalling Overhead	20.08.2012
808447	ALU	11290181.4		EP	Method For Encoding Content Names	11.04.2011

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
806631	ALU	201180020475.1	ZL201180020475.1	CN	Virtual Buffer technique to calculate and compensate node level residence time in nodes with hardware assisted time stamping not embedded in PHY	14.04.2011
812829	ALU	13305341.3	EP2782273	FR	SCHEDULING OF DATA BURSTS IN A BURST SWITCHING COMMUNICATION NETWORK	21.03.2013
812829	ALU	13305341.3	EP2782273	DE	SCHEDULING OF DATA BURSTS IN A BURST SWITCHING COMMUNICATION NETWORK	21.03.2013
812829	ALU	13305341.3	EP2782273	GB	SCHEDULING OF DATA BURSTS IN A BURST SWITCHING COMMUNICATION NETWORK	21.03.2013
813109	ALU	13305215.9	EP2770670	EP	Detection Of Disorderly Leaving Events Impacts On A Victim Line	26.02.2013
811457	ALU	201380034891.6		CN	User-Selectable IEEE1588 Clock Class And Quality Level Mapping	26.06.2013
811457	ALU	13809824.9		EP	User-Selectable IEEE1588 Clock Class And Quality Level Mapping	26.06.2013
811457	ALU	2015518743	JP6033957	JP	User-Selectable IEEE1588 Clock Class And Quality Level Mapping	26.06.2013
814356	ALU	13290258.6	EP2866398	FR	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	28.10.2013
814356	ALU	13290258.6	EP2866398	DE	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	28.10.2013
814356	ALU	13290258.6	EP2866398	GB	Combined Ethernet Interface Protection And OTH/SDH Path Protection Mechanism	28.10.2013
814384	ALU	13306305.7	EP2854299	EP	SNR-based bridged-taps and RFI discrimination	25.09.2013
808936	ALU	12360005.8	EP2621202	EP	A Technique For Locating A Lost Or Stolen Mobile Using A Network Initiated Trace	27.01.2012
811974	ALU	12306595.5	EP2744292	DE	Green Comb for WiFi	17.12.2012
811974	ALU	12306595.5	EP2744292	GB	Green Comb for WiFi	17.12.2012
806290	ALU	11710060.2	EP2529519	GB	Method And Apparatus For Managing Mobile Resource Usage	17.01.2011
817305	ALU	201580060937.0		CN	Backdrill Reliability Anchors	04.11.2015
van der Gaast 10 (T)	ALU	201510727455.8		CN	Downloadable Ringtones For Usage In Emergency Situations	19.11.2008
818657	ALU	14/941327		US	Home Plate Design For 0201 Use Between Vias	13.11.2015
815836	ALU	201580019670.0		CN	Method To Achieve 2d Modulation Formats Based On Intensity Modulations In prefixed Non-Orthogonal Directions	13.04.2015
815836	ALU	2016562529		JP	Method To Achieve 2d Modulation Formats Based On Intensity Modulations In prefixed Non-Orthogonal Directions	13.04.2015
815836	ALU	15/300967		US	Method To Achieve 2d Modulation Formats Based On Intensity Modulations In prefixed Non-Orthogonal Directions	13.04.2015
139270	ALU	14/251784		US	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	14.04.2014
Sharma 22 (A)	ALU	07837741.3	EP2064854	FR	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Sharma 22 (A)	ALU	07837741.3	EP2064854	DE	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
Sharma 22 (A)	ALU	07837741.3	EP2064854	GB	A Method And Apparatus For Concurrent Registration Of Voice And Data Subscribers	05.09.2007
804528	ALU	201080005776.2	ZL201080005776.2	CN	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
804528	ALU	5469/CHENP/2011		IN	Scaled Ethernet OAM For Mesh And Hub-And-Spoke Networks	15.01.2010
811692	ALU	201380021405.7		CN	Synchronization Management Groups	19.04.2013
811692	ALU	13782635.0		EP	Synchronization Management Groups	19.04.2013
806349	ALU	09290859.9	EP2323216	FR	Antenna Apparatus and Antenna Selection Method	12.11.2009
806349	ALU	09290859.9	EP2323216	DE	Antenna Apparatus and Antenna Selection Method	12.11.2009
806349	ALU	09290859.9	EP2323216	GB	Antenna Apparatus and Antenna Selection Method	12.11.2009
815440	ALU	14305937.6		EP	Wireless - Based Service /Capability Exposition -WAN Focus (WISE-WAN)	18.06.2014
810912	ALU	12305179.9	EP2629435	EP	Non-disruptive Detection, Identification And Localization Of Impairments On Vectored Lines	16.02.2012
811463	ALU	201380033796.4	ZL201380033796.4	CN	Smooth Quality Transitions In Adaptive Streaming	24.06.2013
811463	ALU	2015519022	JP6080951	JP	Smooth Quality Transitions In Adaptive Streaming	24.06.2013
811463	ALU	10-2015-7002232	KR101657073	KR	Smooth Quality Transitions In Adaptive Streaming	24.06.2013
811463	ALU	14/411150		US	Smooth Quality Transitions In Adaptive Streaming	24.06.2013
807337	ALU	11781591.0	EP2599286	FR	Bringing Up IPv6CP Between IP Pseudowire Service Access Point And Customer Equipment (CE) Service Access Point	20.07.2011
807337	ALU	11781591.0	EP2599286	DE	Bringing Up IPv6CP Between IP Pseudowire Service Access Point And Customer Equipment (CE) Service Access Point	20.07.2011
807337	ALU	11781591.0	EP2599286	GB	Bringing Up IPv6CP Between IP Pseudowire Service Access Point And Customer Equipment (CE) Service Access Point	20.07.2011

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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
809182	ALU	201280035589.8	ZL201280035589.8	CN	Interface Between 3GPP Networks And 3GPP2 Networks For WAP Text Messaging	29.06.2012
809182	ALU	10945/DELNP/2013		IN	Interface Between 3GPP Networks And 3GPP2 Networks For WAP Text Messaging	29.06.2012
818786	ALU	15/381086		US	Reduced Size (Compact) High Power Microstrip Line 30db Compensated Coupler With High Directivity For High Efficiency Basestation Power Amplifier Applications	15.12.2016
809434	ALU	201280042921.3		CN	Protection against robbery of mobile	13.07.2012
809434	ALU	2014528910	JP6159725	JP	Protection against robbery of mobile	13.07.2012
809434	ALU	14/131494	US9622082	US	Protection against robbery of mobile	13.07.2012
809391	ALU	13/118772	US9609370	US	Video Delivery Modification Based On Network Availability	31.05.2011
Weaver 48 (CF)	ALU	17152450.7		EP	Frequency Mapping For A Wireless Communication System	24.04.2009
812534	ALU	12306114.5	EP2709345	FR	Diagnostic Of Bad Configuration Of DPBO Parameters	17.09.2012
812534	ALU	12306114.5	EP2709345	DE	Diagnostic Of Bad Configuration Of DPBO Parameters	17.09.2012
812534	ALU	12306114.5	EP2709345	GB	Diagnostic Of Bad Configuration Of DPBO Parameters	17.09.2012
120721	ALU	02360339.2	EP1429497	FR	Per adapter routing table	09.12.2002
120721	ALU	02360339.2	EP1429497	DE	Per adapter routing table	09.12.2002
120721	ALU	02360339.2	EP1429497	GB	Per adapter routing table	09.12.2002
812732	ALU	13/932256		US	Dynamic And Quasi-Dynamic Group Data Plan Quata Allocation For Mobile Devices	01.07.2013
806290	ALU	11710060.2	EP2529519	FR	Method And Apparatus For Managing Mobile Resource Usage	17.01.2011
806290	ALU	11710060.2	EP2529519	DE	Method And Apparatus For Managing Mobile Resource Usage	17.01.2011
809227	ALU	2014522851	JP5805318	JP	Bootstrapping Fault Detection Sessions Over A P2MP Tunnel	10.07.2012
809227	ALU	20147001942	KR101488648	KR	Bootstrapping Fault Detection Sessions Over A P2MP Tunnel	10.07.2012
Gill 26-4-17-10-8 (DM)	ALU	2013141219	JP6073753	JP	A High Speed Semiconductor Optical Modulator	30.10.2007
813600	ALU	13305754.7		EP	Centralized HTTP Adaptive Streaming	05.06.2013
813655	ALU	13290163.8		EP	Client Management For HAS Based Panoramic Video	12.07.2013
811701	ALU	2013800305643	ZL2013800305643	CN	eOTDR Crosstalk Mitigation Through Digital Signal Processing	30.04.2013
818499	ALU	PCT/EP2016/075610		WO	QoS Tunneling In Packet Switched Networks	25.10.2016
Kisel 17-18 (A)	ALU	20117018261	KR101284516	KR	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
Kisel 17-18 (A)	ALU	13/143265	US9325527	US	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
806290	ALU	201180007724.3	ZL201180007724.3	CN	Method And Apparatus For Managing Mobile Resource Usage	17.01.2011
806290	ALU	11710060.2	EP2529519	EP	Method And Apparatus For Managing Mobile Resource Usage	17.01.2011
808852	ALU	201280011854.9	ZL201280011854.9	CN	Detecting Duplicated Videos With Insertion/Deletion/Substitution By Sequence Matching	04.01.2012
808852	ALU	12711444.5		EP	Detecting Duplicated Videos With Insertion/Deletion/Substitution By Sequence Matching	04.01.2012
808852	ALU	2013547935	JP5685324	JP	Detecting Duplicated Videos With Insertion/Deletion/Substitution By Sequence Matching	04.01.2012
814435	ALU	13306341.2	EP2860940	DE	Social Hint-based Caching	27.09.2013
814435	ALU	13306341.2	EP2860940	GB	Social Hint-based Caching	27.09.2013
Kodialam 52-55-26 (MS)	ALU	201710010792.4		CN	Advertisment Scheduling In A Packet-Based Media-Delivery System	22.03.2010
805508	ALU	20147026757	KR101531919	KR	Immobilization Module For Security On A Communication System	20.09.2010
Alfano 3-16-13-8 (FM)	ALU	07861977.2	EP2087668	FR	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	15.11.2007
Alfano 3-16-13-8 (FM)	ALU	07861977.2	EP2087668	DE	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	15.11.2007
Alfano 3-16-13-8 (FM)	ALU	07861977.2	EP2087668	GB	Network Controlled Mobility Route Optimization For An IP Base Station Transceiver Architecture	15.11.2007
809005	ALU	201280037795.2	ZL201280037795.2	CN	System And Method For Powering Redundant Components	19.07.2012
809005	ALU	2014524230	JP6000352	JP	System And Method For Powering Redundant Components	19.07.2012
810750	ALU	12290086.3	EP2639674	DE	Face Orientation-based Scene Interaction For Immersive Video Conferences	12.03.2012
810750	ALU	12290086.3	EP2639674	FR	Face Orientation-based Scene Interaction For Immersive Video Conferences	12.03.2012
810750	ALU	12290086.3	EP2639674	GB	Face Orientation-based Scene Interaction For Immersive Video Conferences	12.03.2012
817305	ALU	15825948.1		EP	Backdrill Reliability Anchors	04.11.2015
817305	ALU	2017525363		JP	Backdrill Reliability Anchors	04.11.2015
817305	ALU	20177012547		KR	Backdrill Reliability Anchors	04.11.2015
812418	ALU	20167028361		KR	Multi-Sector Antenna Structure	12.10.2016

PATENT
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ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
807602	ALU	10360030.0	EP2403277	FR	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	01.07.2010
807602	ALU	10360030.0	EP2403277	DE	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	01.07.2010
807602	ALU	10360030.0	EP2403277	GB	"Mobile Touch" - A Cellular Short Range Mobile Phone Sensor System	01.07.2010
137962	ALU	06809258.4	EP1929707	GB	Passive Real-Time Address Space Validation System	22.08.2006
817654	ALU	15306171.8		EP	Assembly Level Re-Configurable Miniaturized Coaxial Cavity Resonators	17.07.2015
809624	ALU	11305593.3	EP2525587	FR	HAS Session Reconstruction (HAS-SR)	17.05.2011
809624	ALU	11305593.3	EP2525587	DE	HAS Session Reconstruction (HAS-SR)	17.05.2011
809624	ALU	11305593.3	EP2525587	GB	HAS Session Reconstruction (HAS-SR)	17.05.2011
813545	ALU	13306176.2	EP2843967	FR	Hierarchical Scheduling In Optical Burst Switching Networks And Related Node Architecture	28.08.2013
813545	ALU	13306176.2	EP2843967	DE	Hierarchical Scheduling In Optical Burst Switching Networks And Related Node Architecture	28.08.2013
813545	ALU	13306176.2	EP2843967	GB	Hierarchical Scheduling In Optical Burst Switching Networks And Related Node Architecture	28.08.2013
815172	ALU	14305049.0		EP	Crowd Region Of Interest Selector For Ultra Hd Video Stream Management	14.01.2014
802915	ALU	201410527954.8		CN	LOCAL ROUTING FOR FEMTO	09.10.2014
817077	ALU	14/576075		US	Conditional And Unconditional Rule Table Actions	18.12.2014
818500	ALU	14/949508		US	External Software Fault Detection System For Distributed Multi-CPU Architecture	23.11.2015
810355	ALU	11872079.6	EP2754274	DE	Incast-avoidance Scheme For Data Center Networks	06.09.2011
810355	ALU	11872079.6	EP2754274	GB	Incast-avoidance Scheme For Data Center Networks	06.09.2011
801595	ALU	08805051.3	EP2213110	FR	Users counter in Multicast Broadcast Services Zones	03.10.2008
801595	ALU	08805051.3	EP2213110	DE	Users counter in Multicast Broadcast Services Zones	03.10.2008
801595	ALU	08805051.3	EP2213110	GB	Users counter in Multicast Broadcast Services Zones	03.10.2008
800713	ALU	07290852.8	EP2012474	FR	Microwave node architecture in a multi vendor environment	06.07.2007
800713	ALU	07290852.8	EP2012474	DE	Microwave node architecture in a multi vendor environment	06.07.2007
800713	ALU	07290852.8	EP2012474	GB	Microwave node architecture in a multi vendor environment	06.07.2007
809487	ALU	201764144		JP	Method Of Connecting Boards At High Frequency	14.06.2013
810216	ALU	13/238329		US	Cell-Free Large-Scale Antenna System	21.09.2011
806190	ALU	10290213.7	EP2381597	FR	Low-Cost HW Fading Simulator using RRH	21.04.2010
806190	ALU	10290213.7	EP2381597	DE	Low-Cost HW Fading Simulator using RRH	21.04.2010
806190	ALU	10290213.7	EP2381597	GB	Low-Cost HW Fading Simulator using RRH	21.04.2010
810355	ALU	11872079.6	EP2754274	FR	Incast-avoidance Scheme For Data Center Networks	06.09.2011
813016	ALU	20157010540	KR101667950	KR	A Method of HAS Congestion Management In Wireless Network	25.10.2013
806084	ALU	201530370	JP6009014	JP	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.10.2010
818568	ALU	15/265037		US	A Hitless And Fast Inherent Propagation Delay Self-Calibration Method For Galvanic Isolated 1PPS Interface	14.09.2016
801369	ALU	08755435.8	EP2149225	FR	Dual OSS Management of an Ethernet Access Network	14.05.2008
801369	ALU	08755435.8	EP2149225	DE	Dual OSS Management of an Ethernet Access Network	14.05.2008
812191	ALU	13805697.3		EP	Method To Determine The ASBR For Inter-AS Multicast VPN	27.11.2013
809005	ALU	12821593.6	EP2742677	FR	System And Method For Powering Redundant Components	19.07.2012
809005	ALU	12821593.6	EP2742677	DE	System And Method For Powering Redundant Components	19.07.2012
809005	ALU	12821593.6	EP2742677	GB	System And Method For Powering Redundant Components	19.07.2012
817788	ALU	PCT/EP2016/066429		WO	Method For Efficient Selective Retransmission Protocol For Multicast/Broadcast Services	11.07.2016
817788	ALU	105126724		TW	Method For Efficient Selective Retransmission Protocol For Multicast/Broadcast Services	22.08.2016
813818	ALU	13306682.9		EP	Advanced Doherty Analysis & Smart Self-Tuning Algorythm	09.12.2013
815517	ALU	201410174280.8		CN	A New Assume Positive Solution In Online Charging System	22.04.2014
150238	ALU	08789637.9		EP	Detection Of Spam/Telemarketing Phone Campaigns With Impersonated Caller Identities In Converged Networks	15.05.2008
150238	ALU	5365/CHENP/2009		IN	Detection Of Spam/Telemarketing Phone Campaigns With Impersonated Caller Identities In Converged Networks	15.05.2008
150238	ALU	2010508964	JP4981171	JP	Detection Of Spam/Telemarketing Phone Campaigns With Impersonated Caller Identities In Converged Networks	15.05.2008
150238	ALU	20097024428	KR101129752	KR	Detection Of Spam/Telemarketing Phone Campaigns With Impersonated Caller Identities In Converged Networks	15.05.2008
805667	ALU	13/509650	US9621410	US	OTN Tandem Connection Alarm Localization enhancement	17.12.2010
805928	ALU	2012552375	JP5525068	JP	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	09.02.2011

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REEL: 043967 FRAME: 0424

ATTACHMENT A

Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
808442	ALU	4561/DELNP/2013		IN	Resource Profile Adjustment For Pre-Fetching Of Assets To User Equipment	06.12.2011
808442	ALU	2013543276	JP5721854	JP	Resource Profile Adjustment For Pre-Fetching Of Assets To User Equipment	06.12.2011
808442	ALU	20137017610	KR101548144	KR	Resource Profile Adjustment For Pre-Fetching Of Assets To User Equipment	06.12.2011
808299	ALU	11305414.2	EP2509245	FR	Adaptive Generation of Optimal DSLAM Service & Spectrum Profiles	08.04.2011
808299	ALU	11305414.2	EP2509245	DE	Adaptive Generation of Optimal DSLAM Service & Spectrum Profiles	08.04.2011
804739	ALU	10-2012-7006764	KR101397918	KR	Identifying Cell Spots	13.08.2010
804739	ALU	13/390771	US8774812	US	Identifying Cell Spots	13.08.2010
811861	ALU	13/780234	US9306758	US	System And Method For Dynamic MLDP Tunnel And PIM Binding	28.02.2013
Kisel 3-3 (A)	ALU	07291307.2	EP2053831	DE	Method For Caching Content Data Packages In Caching Nodes	26.10.2007
Kisel 3-3 (A)	ALU	07291307.2	EP2053831	GB	Method For Caching Content Data Packages In Caching Nodes	26.10.2007
805762	ALU	10193549.2	EP2337244	FR	Efficient scheme for protection in systems based on coherent detection	02.12.2010
805762	ALU	10193549.2	EP2337244	DE	Efficient scheme for protection in systems based on coherent detection	02.12.2010
805762	ALU	10193549.2	EP2337244	GB	Efficient scheme for protection in systems based on coherent detection	02.12.2010
806514	ALU	12/827949	US9361581	US	Caching Of Rules	30.06.2010
814293	ALU	201480034422.9		CN	Spurious Apparatus Detection Mechanism In Reverse Power Networks	12.06.2014
814293	ALU	2016-520384		JP	Spurious Apparatus Detection Mechanism In Reverse Power Networks	12.06.2014
814293	ALU	10-2015-7035526	KR101742417	KR	Spurious Apparatus Detection Mechanism In Reverse Power Networks	12.06.2014
814293	ALU	14/892092	US9621712	US	Spurious Apparatus Detection Mechanism In Reverse Power Networks	12.06.2014
802611	ALU	08170414.0	EP2073566	FR	Shared-Meshed acceleration based on pre-tuning savings	02.12.2008
802611	ALU	08170414.0	EP2073566	DE	Shared-Meshed acceleration based on pre-tuning savings	02.12.2008
802611	ALU	08170414.0	EP2073566	GB	Shared-Meshed acceleration based on pre-tuning savings	02.12.2008
815719	ALU	14/502113	US9686358	US	Network-Coded Caching-Aided Multicast For Efficient Content Delivery	30.09.2014
813393	ALU	201480018142.9		CN	IPTV commercial monitor	24.03.2014
813393	ALU	2016-504601		JP	IPTV commercial monitor	24.03.2014
813393	ALU	14/779415		US	IPTV commercial monitor	24.03.2014
813600	ALU	201480032077.5		CN	Centralized HTTP Adaptive Streaming	27.05.2014
813600	ALU	2016-517233		JP	Centralized HTTP Adaptive Streaming	27.05.2014
813600	ALU	14/895569		US	Centralized HTTP Adaptive Streaming	27.05.2014
812035	ALU	2013800494857		CN	Method For Remote Detection Of Reversed POTS Splitters	24.07.2013
812035	ALU	2015-532338		JP	Method For Remote Detection Of Reversed POTS Splitters	24.07.2013
803079	ALU	201610674632.5		CN	Manual attachment on customer's Femto cell.	12.06.2010
134061	ALU	14/263727		US	SIP Call Routing Using Information from INVITE Message Body	28.04.2014
810725	ALU	201380006490.X		CN	VoIP Client Control Via In-band Video Signalling	24.01.2013
810725	ALU	14/374391	US9559888	US	VoIP Client Control Via In-band Video Signalling	24.01.2013
805161	ALU	10722466.9	EP2436146	FR	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
805161	ALU	10722466.9	EP2436146	DE	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
805161	ALU	10722466.9	EP2436146	GB	A Fault-Resilient Method Of Generating Complete Correclated IMS Charging Data Records	20.05.2010
810326	ALU	2013800327197		CN	Enhanced Scheduler Architecture For Enabling Of Multi Operator Spectrum Sharing/ Virtualization	24.05.2013
810326	ALU	14/408791	US9414396	US	Enhanced Scheduler Architecture For Enabling Of Multi Operator Spectrum Sharing/ Virtualization	24.05.2013
816274	ALU	201580039552.6		CN	Signaling For Packet Switched Network Equipments Handling Coherent Emissions	15.07.2015
816274	ALU	2017503472		JP	Signaling For Packet Switched Network Equipments Handling Coherent Emissions	15.07.2015
813307	ALU	201480034898.2		CN	Dynamic Network Service Association and On Demand Service Provisioning	30.05.2014
809225	ALU	12305362.1	EP2645628	FR	IPTV Deadstream Detection	29.03.2012
809225	ALU	12305362.1	EP2645628	DE	IPTV Deadstream Detection	29.03.2012
809225	ALU	12305362.1	EP2645628	GB	IPTV Deadstream Detection	29.03.2012
Moeller 26 (LB)	ALU	07838502.8	EP2069759	FR	Inexpensive Terahertz Pulse Wave Generator	19.09.2007
Moeller 26 (LB)	ALU	07838502.8	EP2069759	DE	Inexpensive Terahertz Pulse Wave Generator	19.09.2007
Moeller 26 (LB)	ALU	07838502.8	EP2069759	GB	Inexpensive Terahertz Pulse Wave Generator	19.09.2007

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
812688	ALU	12306228.3	EP2720424	FR	Apparatus, Method and Computer Program Operable to Determine Estimates	09.10.2012
812688	ALU	12306228.3	EP2720424	DE	Apparatus, Method and Computer Program Operable to Determine Estimates	09.10.2012
812688	ALU	12306228.3	EP2720424	GB	Apparatus, Method and Computer Program Operable to Determine Estimates	09.10.2012
816182	ALU	14/588352		US	LTE WAL Contents For Various Assignments Of Cells To Tais	31.12.2014
816094	ALU	14/674669		US	Simplified Method To Enhance Real-Time QoE In E-FACH (Or In LTE)	31.03.2015
817176	ALU	15305879.7		EP	Miniaturized Coaxial Cavity Resonators	10.06.2015
814035	ALU	13306194.5	EP2843926	FR	Using POTS To Startup A Reversed Powered Device	03.09.2013
814035	ALU	13306194.5	EP2843926	DE	Using POTS To Startup A Reversed Powered Device	03.09.2013
814035	ALU	13306194.5	EP2843926	GB	Using POTS To Startup A Reversed Powered Device	03.09.2013
810028	ALU	201280050917.1		CN	Method And Apparatus For Controlling Buffer Status Report Messaging	14.08.2012
801841	ALU	2011507866	JP5995440	JP	Dynamic preemption	23.04.2009
801841	ALU	20107027272	KR101625831	KR	Dynamic preemption	23.04.2009
816274	ALU	15/326557		US	Signaling For Packet Switched Network Equipments Handling Coherent Emissions	15.07.2015
Heer 15-1-2-1 (AJ)	ALU	06826169.2	EP1966949	FR	Apparatus For Providing Internet Protocol Television Service And Internet Service	16.10.2006
Heer 15-1-2-1 (AJ)	ALU	06826169.2	EP1966949	DE	Apparatus For Providing Internet Protocol Television Service And Internet Service	16.10.2006
Heer 15-1-2-1 (AJ)	ALU	06826169.2	EP1966949	GB	Apparatus For Providing Internet Protocol Television Service And Internet Service	16.10.2006
809153	ALU	14/115905	US9438541	US	Propagation of working group from resource management to enterprise telecom system	28.03.2012
814364	ALU	14/278887	US9379423	US	Tuning Mechanism Of Very Compact Cavity Filter	15.05.2014
815665	ALU	14305603.4	EP2937933	FR	Low-Profile Wideband Radiating Antenna Element With Circumferential Topology	24.04.2014
815665	ALU	14305603.4	EP2937933	DE	Low-Profile Wideband Radiating Antenna Element With Circumferential Topology	24.04.2014
815665	ALU	14305603.4	EP2937933	GB	Low-Profile Wideband Radiating Antenna Element With Circumferential Topology	24.04.2014
807798	ALU	201280004981.6	ZL201280004981.6	CN	Application-Originated Text Messages Delivered Over A Packet-Switched Network	05.01.2012
807798	ALU	12701282.1		EP	Application-Originated Text Messages Delivered Over A Packet-Switched Network	05.01.2012
807798	ALU	2013549467	JP5666020	JP	Application-Originated Text Messages Delivered Over A Packet-Switched Network	05.01.2012
807798	ALU	20137021126	KR101467970	KR	Application-Originated Text Messages Delivered Over A Packet-Switched Network	05.01.2012
Xie 19 (C)	ALU	12/185944	US8005360	US	PMDC Feedback Signal For Alternate Polarization DPSK System	05.08.2008
Xie 19 (C)	ALU	09788933.1	EP2329609	EP	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
Xie 19 (C)	ALU	200980130833.7	ZL200980130833.7	CN	PMDC Feedback Signal For Alternate Polarization DPSK System	17.07.2009
814499	ALU	14305398.1	EP2922226	GB	Packet power and phase detector for slotted rings	20.03.2014
805928	ALU	10153237.2	EP2367309	FR	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	10.02.2010
805928	ALU	10153237.2	EP2367309	DE	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	10.02.2010
805928	ALU	10153237.2	EP2367309	GB	Monitoring Of IEEE 1588V2 Transparent Clock Failure/ Degradation: Architecture And Implementation (M.I.T.)	10.02.2010
808196	ALU	2013-7009314	KR101527298	KR	Speech Enabled Virtual Assistant	09.09.2011
808196	ALU	13/822345	US9231960	US	Speech Enabled Virtual Assistant	09.09.2011
807510	ALU	12/955014	US8605656	US	Method And Apparatus For Local Gateway Assignment In Wireless Networks	29.11.2010
818334	ALU	15306122.1		EP	Distributed Collecting and Processing of Sensor Data using a Mobile Network Computing Infrastructure	08.07.2015
Bu 6-6-40 (T)	ALU	201510440938.X		CN	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
812178	ALU	15/375684		US	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	12.12.2016
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	09758694.5	EP2289209	FR	Signal Suspension And Resumption In DSL Systems	28.05.2009

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	09758694.5	EP2289209	DE	Signal Suspension And Resumption In DSL Systems	28.05.2009
De Lind Van Wijngaarden 26-3-17-2 (AJ)	ALU	09758694.5	EP2289209	GB	Signal Suspension And Resumption In DSL Systems	28.05.2009
804002	ALU	10713711.9	EP2396957	GB	Synchronizing Packet Sequence Number In TDM-PW Service For Line Card Redundancy	10.02.2010
814184	ALU	14/034878	US9473478	US	Method Of Offering Personalized Plans Based On The Subscriber RG	24.09.2013
808420	ALU	11767508.2		EP	An Audio Source Locator And Tracker, A Method Of Directing A Camera To View An Audio Source And Video Conferencing Terminal	15.09.2011
Khan 46 (FU)	ALU	201310057704.8	ZL2013100577048	CN	Cell Switching And Packet Combining In A Wireless Communication System	08.07.2005
808588	ALU	12305011.4	EP2613499	FR	Communication context tag	05.01.2012
808588	ALU	12305011.4	EP2613499	DE	Communication context tag	05.01.2012
808588	ALU	12305011.4	EP2613499	GB	Communication context tag	05.01.2012
807363	ALU	11828213.6		EP	QoS-Oriented Scheduling Mechanisms For ATCA Based Products	24.08.2011
807363	ALU	2013530806	JP5710006	JP	QoS-Oriented Scheduling Mechanisms For ATCA Based Products	24.08.2011
115062	ALU	11/838658	US7835464	US	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	14.08.2007
115062	ALU	200710147711.1	ZL200710147711.1	CN	Hardware efficient Q-Monitor Circuit / Adaptive Receiver	24.08.2007
811474	ALU	2013800383159		CN	Iterative Multi-Channel Multi-Tone Crosstalk Acquisition And Compensation	18.07.2013
811474	ALU	14/409966	US9673860	US	Iterative Multi-Channel Multi-Tone Crosstalk Acquisition And Compensation	18.07.2013
812103	ALU	201380040126.5		CN	High-Speed Content Routing	29.07.2013
808913	ALU	11305983.6	EP2552068	FR	Compensated Delay For Delay Loops To Reduce The Quefrency And Allow Larger Precoder Tonegroups	28.07.2011
808913	ALU	11305983.6	EP2552068	DE	Compensated Delay For Delay Loops To Reduce The Quefrency And Allow Larger Precoder Tonegroups	28.07.2011
808913	ALU	11305983.6	EP2552068	GB	Compensated Delay For Delay Loops To Reduce The Quefrency And Allow Larger Precoder Tonegroups	28.07.2011
806412	ALU	PI12029387.7		BR	Methods Of Determining Coverage Areas	13.04.2011
806412	ALU	201180024593.X	ZL201180024593.X	CN	Methods Of Determining Coverage Areas	13.04.2011
806669	ALU	201080065034.9	ZL201080065034.9	CN	A Mechanism To Identify Application Protocol Based On Centroid Keyword Vector	19.05.2010
806669	ALU	10851576.8		EP	A Mechanism To Identify Application Protocol Based On Centroid Keyword Vector	19.05.2010
806669	ALU	9593/CHENP/2012		IN	A Mechanism To Identify Application Protocol Based On Centroid Keyword Vector	19.05.2010
139499	ALU	11/538076	US8588813	US	UMA LOCATION POSITIONING METHODS AND PROCEDURES	03.10.2006
818628	ALU	PCT/US2016/063163		WO	Sparse Dispersion Compensation For Heterogeneous-Spans Networks And Span-Skipping Dispersion Mapping	21.11.2016
Bu 6-6-40 (T)	ALU	06845546.8	EP1964366	FR	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
Bu 6-6-40 (T)	ALU	06845546.8	EP1964366	DE	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
Bu 6-6-40 (T)	ALU	06845546.8	EP1964366	GB	Methods And Devices For Defending A 3G Wireless Network Against Malicious Attacks	15.12.2006
811974	ALU	12306595.5	EP2744292	FR	Green Comb for WiFi	17.12.2012
811450	ALU	2017-36102		JP	Targeted Advertisement Board	28.02.2017
812879	ALU	12306491.7	EP2739024	FR	Seamless communication application shift	30.11.2012
812879	ALU	12306491.7	EP2739024	DE	Seamless communication application shift	30.11.2012
812879	ALU	12306491.7	EP2739024	GB	Seamless communication application shift	30.11.2012
113422	ALU	02360229.5	EP1387525	FR	OMC Macro EDITOR	02.08.2002
113422	ALU	02360229.5	EP1387525	DE	OMC Macro EDITOR	02.08.2002
113422	ALU	02360229.5	EP1387525	GB	OMC Macro EDITOR	02.08.2002
804890	ALU	10290096.6		EP	Wireless Human Interface Device Creation Module With Storage Device Formfactor	26.02.2010
804342	ALU	09290280.8	EP2242215	FR	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	16.04.2009
804342	ALU	09290280.8	EP2242215	DE	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	16.04.2009
804342	ALU	09290280.8	EP2242215	GB	Dataplane solution to prevent Black Holing of customer frames in Ethernet switched networks	16.04.2009
810754	ALU	201380018636.2		CN	System And Method For Root Cause Analysis Of Mobile Network Performace Problems	27.03.2013

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
810754	ALU	13715562.8		EP	System And Method For Root Cause Analysis Of Mobile Network Performace Problems	27.03.2013
810427	ALU	15/395610		US	Apparatus And Method For Matching Offers And Requests For Sharing Of Resources	30.12.2016
814227	ALU	13305852.9	EP2816859	FR	Method for CQI Feedback managment for Multicarrier based Systems	21.06.2013
814227	ALU	13305852.9	EP2816859	DE	Method for CQI Feedback managment for Multicarrier based Systems	21.06.2013
814227	ALU	13305852.9	EP2816859	GB	Method for CQI Feedback managment for Multicarrier based Systems	21.06.2013
Liu 18-14 (C)	ALU	01301473.3	EP1130894	FR	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	19.02.2001
Liu 18-14 (C)	ALU	01301473.3	EP1130894	DE	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	19.02.2001
Liu 18-14 (C)	ALU	01301473.3	EP1130894	GB	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	19.02.2001
Schlenk 4 (R)	ALU	07251433.4	EP1976195	FR	Method And Apparatus For Mac Address Learning	30.03.2007
Schlenk 4 (R)	ALU	07251433.4	EP1976195	DE	Method And Apparatus For Mac Address Learning	30.03.2007
Schlenk 4 (R)	ALU	07251433.4	EP1976195	GB	Method And Apparatus For Mac Address Learning	30.03.2007
802718	ALU	201610985560.6		CN	Broadcast services and DSL backhauled Femto Base Stations	31.05.2009
804298	ALU	10747600.4	EP2457343	DE	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
804298	ALU	10747600.4	EP2457343	GB	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
811077	ALU	13708321.8	EP2823624	FR	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
811077	ALU	13708321.8	EP2823624	DE	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
811077	ALU	13708321.8	EP2823624	GB	Method And Apparatus For Identifying An Application Associated With An IP Flow Using DNS Data	25.02.2013
105113	ALU	04291018.2	EP1469660	FR	COMMUNICATION CONTACT CENTER	16.04.2004
105113	ALU	04291018.2	EP1469660	DE	COMMUNICATION CONTACT CENTER	16.04.2004
105113	ALU	04291018.2	EP1469660	GB	COMMUNICATION CONTACT CENTER	16.04.2004
Cai 135-38 (Y)	ALU	09732654.0		EP	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	208361	IL208361	IL	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
805661	ALU	09306267.7	EP2337281	FR	Extended metric links	18.12.2009
811105	ALU	13714117.2	EP2832110	FR	Method And Apparatus For Authenticating Video Content	15.03.2013
811105	ALU	13714117.2	EP2832110	DE	Method And Apparatus For Authenticating Video Content	15.03.2013
811105	ALU	13714117.2	EP2832110	GB	Method And Apparatus For Authenticating Video Content	15.03.2013
800318	ALU	07290649.8	EP1993240	FR	Security assurance icon for services on end-user terminals	18.05.2007
800318	ALU	07290649.8	EP1993240	DE	Security assurance icon for services on end-user terminals	18.05.2007
800318	ALU	07290649.8	EP1993240	GB	Security assurance icon for services on end-user terminals	18.05.2007
809487	ALU	20177002211		KR	Method Of Connecting Boards At High Frequency	14.06.2013
807510	ALU	201180057306.5	ZL201180057306.5	CN	Method And Apparatus For Local Gateway Assignment In Wireless Networks	22.11.2011
804298	ALU	10747600.4	EP2457343	FR	Differential Clock Recovery Using TimeStamp with a Decimal Precision	02.07.2010
807058	ALU	11769961.1		EP	System And Method For Controllably Viewing Digital Video Streams Captured By Surveillance Cameras	15.09.2011
815487	ALU	14305985.5	EP2961113	FR	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	24.06.2014
815487	ALU	14305985.5	EP2961113	DE	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	24.06.2014
815487	ALU	14305985.5	EP2961113	GB	Avoiding deadlock condition in MPLS-TP Ring Protection Switching (MRPS)	24.06.2014
810743	ALU	12842302.7	EP2769569	FR	LTE Subscriber Identity Correlation Service	17.10.2012
810743	ALU	12842302.7	EP2769569	DE	LTE Subscriber Identity Correlation Service	17.10.2012
810743	ALU	12842302.7	EP2769569	GB	LTE Subscriber Identity Correlation Service	17.10.2012
Das 19-17-41 (S)	ALU	4178/CHENP/2008	IN279407	IN	Methods Of Reverse Link Power Control	13.02.2007
806349	ALU	12290380.0		EP	Antenna Apparatus and Antenna Selection Method	12.11.2009
810385	ALU	12290048.3	EP2627062	FR	Instantaneous Detection Of Missing POTS Splitter	09.02.2012
810385	ALU	12290048.3	EP2627062	DE	Instantaneous Detection Of Missing POTS Splitter	09.02.2012
810385	ALU	12290048.3	EP2627062	GB	Instantaneous Detection Of Missing POTS Splitter	09.02.2012
804092	ALU	10708256.2	EP2396949	FR	Availability indicator via video	01.02.2010
135997	ALU	03012382.2	EP1370108	GB	OPTICAL SWITCH CONTROLLER FOR FAIR AND EFFECTIVE LIGHTPATH RESERVATION	30.05.2003
120438	ALU	09/468227	US6456857	US	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	20.12.1999

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Assigned Patents

Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bu 3-4-33 (T)	ALU	06739051.8	EP1864471	FR	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	21.03.2006
Bu 3-4-33 (T)	ALU	06739051.8	EP1864471	DE	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	21.03.2006
Bu 3-4-33 (T)	ALU	06739051.8	EP1864471	GB	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	21.03.2006
802152	ALU	09712236.0	EP2260640	FR	SIM-less device access for security services	04.02.2009
802152	ALU	09712236.0	EP2260640	DE	SIM-less device access for security services	04.02.2009
802152	ALU	09712236.0	EP2260640	GB	SIM-less device access for security services	04.02.2009
809805	ALU	201280066336.7		CN	Automated Pan-Tilt-Zoom Optimization	17.12.2012
808826	ALU	10290663.3	EP2466810	FR	Method For Routing In Name Based Networking	17.12.2010
808933	ALU	201280037750.5	ZL201280037750.5	CN	HTTP Adaptive Streaming With Network Hints	09.07.2012
808933	ALU	2014524314		JP	HTTP Adaptive Streaming With Network Hints	09.07.2012
813097	ALU	13305533.5	EP2797249	FR	Automated Dynamic Reconfiguration Of G.INP Parameters	23.04.2013
813097	ALU	13305533.5	EP2797249	DE	Automated Dynamic Reconfiguration Of G.INP Parameters	23.04.2013
813097	ALU	13305533.5	EP2797249	GB	Automated Dynamic Reconfiguration Of G.INP Parameters	23.04.2013
Akyamac 2-7-38 (AA)	ALU	14/572379		US	Method And System For Efficient Provisioning Of Multiple Services For Multiple Failure Restoration In Multi-Layer Mesh Networks	16.12.2014
810652	ALU	2014-546419	JP5808501	JP	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	06.12.2012
810652	ALU	20147019581	KR10-1547786	KR	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	06.12.2012
810652	ALU	14/358557	US9338146	US	Multimedia RTMP Streaming Real-time Up- And Downstream Quality Of Service Characterisation For Immersive Communications	06.12.2012
808178	ALU	201280050569.8		CN	Networks And Methods For Paging Message Control	04.10.2012
808178	ALU	12772692.5		EP	Networks And Methods For Paging Message Control	04.10.2012
Ma 29-67 (Z)	ALU	2015129612		JP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
809019	ALU	201280039521.7		CN	Method And Apparatus For Controlling Wireless Uplink Sessions	08.08.2012
811418	ALU	13705877.2	EP2815525	FR	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
811418	ALU	13705877.2	EP2815525	DE	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
811418	ALU	13705877.2	EP2815525	GB	Method And Apparatus For Interference Cancellation In Hybrid Satellite-Terrestrial Network	07.02.2013
805488	ALU	09306269.3	EP2337272	FR	Micro-Loop/Cycle Mitigation Scheme in Link-State Routing	18.12.2009
805488	ALU	09306269.3	EP2337272	DE	Micro-Loop/Cycle Mitigation Scheme in Link-State Routing	18.12.2009
804092	ALU	10708256.2	EP2396949	DE	Availability indicator via video	01.02.2010
804092	ALU	10708256.2	EP2396949	GB	Availability indicator via video	01.02.2010
104929	ALU	04290332.8	EP1453276	FR	PRO-ACTIVE CALL CONNECTION	09.02.2004
104929	ALU	04290332.8	EP1453276	DE	PRO-ACTIVE CALL CONNECTION	09.02.2004
104929	ALU	04290332.8	EP1453276	GB	PRO-ACTIVE CALL CONNECTION	09.02.2004
816955	ALU	PCT/US2016/014216		CN	A System And Apparatus For High Capacity Mobile Wireless Hotspot Service Using Lte In The Unlicensed Spectrum	21.01.2016
816955	ALU	16704730.7		EP	A System And Apparatus For High Capacity Mobile Wireless Hotspot Service Using Lte In The Unlicensed Spectrum	21.01.2016
808162	ALU	11290004.8	EP2475219	FR	WiFi Based Capacity Enforcement For Mobile Communication Systems	05.01.2011
812418	ALU	201734943		JP	Multi-Sector Antenna Structure	08.11.2013
137816	ALU	06704327.3	EP1839415	FR	Pre-computed Paths for Policy-Based Routing	05.01.2006
137816	ALU	06704327.3	EP1839415	DE	Pre-computed Paths for Policy-Based Routing	05.01.2006
137816	ALU	06704327.3	EP1839415	GB	Pre-computed Paths for Policy-Based Routing	05.01.2006
808162	ALU	11290004.8	EP2475219	DE	WiFi Based Capacity Enforcement For Mobile Communication Systems	05.01.2011
808162	ALU	11290004.8	EP2475219	GB	WiFi Based Capacity Enforcement For Mobile Communication Systems	05.01.2011
805813	ALU	09290957.1	EP2337245	GB	Variable bitrate OFDM	17.12.2009
806282	ALU	13/504818	US8681962	US	Method to establish a correlation between DPU and CPE	26.10.2010
812157	ALU	13305894.1		EP	Packet Optical Add Drop Multiplexing Node	27.06.2013
812418	ALU	13/679059	US9368880	US	Multi-Sector Antenna Structure	16.11.2012
810818	ALU	201280051729.0		CN	System And Method For Load Balancing MMEs And MME Pools	15.10.2012
813027	ALU	13/728168	US8912449	US	Thermal Warp Compensation IC Package	27.12.2012
812178	ALU	2017102618		JP	Manipulation And Restoration Of Authentication Challenge Parameters In Network Authentication Procedures	18.06.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
803536	ALU	08021349.9	EP2200225	GB	Efficient protocol forwarding by header exchange based on commercial devices	09.12.2008
808322	ALU	11290214.3	EP2521227	FR	Semiconductor Optical Amplifier Device And Optical Matrix Switch	04.05.2011
Nair 3-11-13 (SP)	ALU	2012109231	JP5851933	JP	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	08.11.2005
811192	ALU	12305174.0		EP	On-board Access Point for Massive MultiMedia Distribution	16.02.2012
806349	ALU	2014115333	RU2546582	RU	Antenna Apparatus and Antenna Selection Method	21.09.2010
816055	ALU	14306380.8		EP	Phase Shifters With High Insertion Phase	09.09.2014
Haimi-Cohen 16-4 (R)	ALU	10716983.1	EP2430795	FR	Fast Channel Change Handling Of Late Multicast Join	29.04.2010
Haimi-Cohen 16-4 (R)	ALU	10716983.1	EP2430795	DE	Fast Channel Change Handling Of Late Multicast Join	29.04.2010
816527	ALU	14/749990		US	Assisted Navigation For Uhdtv Interactive Consumption	25.06.2015
816527	ALU	2015-126635		JP	Assisted Navigation For Uhdtv Interactive Consumption	24.06.2015
815631	ALU	14/750224		US	Assisted Navigation For Uhdtv Interactive Consumption	25.06.2015
809232	ALU	11290308.3		EP	Seamless Resynchronization	04.07.2011
809190	ALU	11305770.7		EP	Method To Couple Common Mode Phantom Signals	20.06.2011
812593	ALU	13382068.8	EP2773078	EP	Optimized Adaptive Streaming Over Unidirectional Delivery	01.03.2013
812668	ALU	13/746406	US9401951	US	System And Method For Managing Distribution Of Network Information	22.01.2013
806074	ALU	100110390		TW	Athermal Optical Filters In Silicon-On-Insulator Waveguides	25.03.2011
816524	ALU	15702906.7		EP	Methods For Policy Enforcement In A Topology Abstraction System	20.01.2015
817685	ALU	14/664311		US	Cross-Layer Aware Multi-Path Transport For Elastic Packet Services	20.03.2015
Claussen 13-10-17-46 (H)	ALU	11/431271	US8958752	US	Method And Apparatus For Managing Interference In A Wireless Communication System	10.05.2006
Claussen 13-10-17-46 (H)	ALU	5959/CHENP/2008		IN	Method And Apparatus For Managing Interference In A Wireless Communication System	27.04.2007
807557	ALU	11305001.7		EP	Automatic SELT/MELT Cross-Calibration	03.01.2011
802363	ALU	08290515.9	EP2131563	FR	METHOD TO CREATE MULTI TYPE/ANNEX A/B/M/J/I xDSL LINE TERMINATION EQUIPMENT	04.06.2008
802363	ALU	08290515.9	EP2131563	DE	METHOD TO CREATE MULTI TYPE/ANNEX A/B/M/J/I xDSL LINE TERMINATION EQUIPMENT	04.06.2008
802363	ALU	08290515.9	EP2131563	GB	METHOD TO CREATE MULTI TYPE/ANNEX A/B/M/J/I xDSL LINE TERMINATION EQUIPMENT	04.06.2008
800817	ALU	08763073.7	EP2140626	FR	Mechanism To Dynamically Optimize Psudowires Based On The Collected End-to-End Cost	22.02.2008
800817	ALU	08763073.7	EP2140626	DE	Mechanism To Dynamically Optimize Psudowires Based On The Collected End-to-End Cost	22.02.2008
800817	ALU	08763073.7	EP2140626	GB	Mechanism To Dynamically Optimize Psudowires Based On The Collected End-to-End Cost	22.02.2008
812976	ALU	12306463.6		EP	QoE enhancement : Quality Video Assessment using on video refence prediction	27.11.2012
810227	ALU	13/242743	US9401804	US	Leakage-Resilient Garbled Circuit GenerationUsing Reduced Memory Hardware Token	23.09.2011
Wang 7-34-28 (X)	ALU	20097000219	KR101107945	KR	Reducing Packet Loss For A Packet Data Service During Congestion In A Transport Network	26.06.2007
Wang 7-34-28 (X)	ALU	2009518260	JP4981132	JP	Reducing Packet Loss For A Packet Data Service During Congestion In A Transport Network	26.06.2007
817684	ALU	PCT/EP2016/051244		CN	Self-heating mitigation for burst mode lasers	21.01.2016
817684	ALU	15/545382		US	Self-heating mitigation for burst mode lasers	21.01.2016
135821	ALU	02000581.5	EP1227610	FR	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	10.01.2002
135821	ALU	02000581.5	EP1227610	DE	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	10.01.2002
135821	ALU	02000581.5	EP1227610	GB	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	10.01.2002
Bosch 29-1 (P)	ALU	2009255752	AU2009255752	AU	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	PI0913387-9		BR	Method For Providing Seamless Transition Between Networks Following Different Protocols	18.05.2009
Bosch 29-1 (P)	ALU	098116931	TWI399957	TW	Method For Providing Seamless Transition Between Networks Following Different Protocols	21.05.2009
804823	ALU	12/472315	US8165122	US	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	26.05.2009
812314	ALU	13/907122	US9258221	US	System And Method For Rapid Protection Of RSVP Based LSP	31.05.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
812120	ALU	13305398.3	EP2784951	FR	ASE-based Loading channel for stream of optical packets	28.03.2013
812120	ALU	13305398.3	EP2784951	DE	ASE-based Loading channel for stream of optical packets	28.03.2013
812120	ALU	13305398.3	EP2784951	GB	ASE-based Loading channel for stream of optical packets	28.03.2013
811692	ALU	13/453143		US	Synchronization Management Groups	23.04.2012
813109	ALU	13305215.9	EP2770670	FR	Detection Of Disorderly Leaving Events Impacts On A Victim Line	26.02.2013
813109	ALU	13305215.9	EP2770670	DE	Detection Of Disorderly Leaving Events Impacts On A Victim Line	26.02.2013
813109	ALU	13305215.9	EP2770670	GB	Detection Of Disorderly Leaving Events Impacts On A Victim Line	26.02.2013
814384	ALU	13306305.7	EP2854299	FR	SNR-based bridged-taps and RFI discrimination	25.09.2013
814384	ALU	13306305.7	EP2854299	DE	SNR-based bridged-taps and RFI discrimination	25.09.2013
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Menten 4 (LE)	ALU	7928/CHENP/2010		IN	Processing Of Packet Fragments	28.04.2009
Menten 4 (LE)	ALU	2011516266	JP5394482	JP	Processing Of Packet Fragments	28.04.2009
Menten 4 (LE)	ALU	20117001705	KR101228640	KR	Processing Of Packet Fragments	28.04.2009
810398	ALU	13/785145	US8942518	US	Flexible Optical Modulator For Advanced Modulation Formats	05.03.2013
812037	ALU	12306599.7	EP2744198	FR	Performance enhancement of video surveillance systems using mobile devices	17.12.2012
812037	ALU	12306599.7	EP2744198	DE	Performance enhancement of video surveillance systems using mobile devices	17.12.2012
812037	ALU	12306599.7	EP2744198	GB	Performance enhancement of video surveillance systems using mobile devices	17.12.2012
807141	ALU	10290395.2	EP2408128	FR	PTP-Network InterWorking Function (PN-IWF)	15.07.2010
807141	ALU	10290395.2	EP2408128	DE	PTP-Network InterWorking Function (PN-IWF)	15.07.2010
807141	ALU	10290395.2	EP2408128	GB	PTP-Network InterWorking Function (PN-IWF)	15.07.2010
811450	ALU	12306005.5		EP	Targeted Advertisement Board	16.08.2012
Heinkel 4-4-3 (U)	ALU	12/311390	US8345703	US	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Heinkel 4-4-3 (U)	ALU	20097006896	KR1133800	KR	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
817931	ALU	15290168.2		EP	Network Node Checking Flow Compliance	30.06.2015
Bachl 23-23-23 (RW)	ALU	MX/a/2008/015821	MX283428	MX	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	6803/CHENP/2008	IN285029	IN	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	200780022898.0	ZL200780022898.0	CN	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
801604	ALU	07291605.9	EP2075952	FR	CONTENT BASED REVERSED SERVICE BILLING	24.12.2007
801604	ALU	07291605.9	EP2075952	DE	CONTENT BASED REVERSED SERVICE BILLING	24.12.2007
801604	ALU	07291605.9	EP2075952	GB	CONTENT BASED REVERSED SERVICE BILLING	24.12.2007
809961	ALU	13/408014		US	Chunk Request Scheduler For HTTP Adaptive Streaming	29.02.2012
809960	ALU	13/628563	US9729603	US	Content Stream Delivery Using Variable Cache Replacement Granularity	27.09.2012
803978	ALU	10716590.4	EP2436134	FR	Repair Mechanism of Real-Time Broadcasted Services in Hybrid DVB-Satellite Handled and Cellular Systems.	29.03.2010
803978	ALU	10716590.4	EP2436134	DE	Repair Mechanism of Real-Time Broadcasted Services in Hybrid DVB-Satellite Handled and Cellular Systems.	29.03.2010
803978	ALU	10716590.4	EP2436134	GB	Repair Mechanism of Real-Time Broadcasted Services in Hybrid DVB-Satellite Handled and Cellular Systems.	29.03.2010
818540	ALU	15290253.2		EP	Accurate 1PPS Interface	30.09.2015
818568	ALU	201510642268.X		CN	A Hitless And Fast Inherent Propagation Delay Self-Calibration Method For Galvanic Isolated 1PPS Interface	30.09.2015
818511	ALU	15306711.1		EP	Fast Inverse Nonlinear Fourier Transform Based On Darboux Transform	26.10.2015
Del Signore 5-4 (KW)	ALU	11/455514	US8027693	US	Conservation Of Paging Resources In A Mobile Switching Center	19.06.2006
Ma 12-11 (Z)	ALU	09/631886	US6859643	US	Power Amplifier Sharing In A Wireless Communication System With Amplifier Pre-Distortion	04.08.2000
Chin 3-13 (MW)	ALU	200310101083.5	ZL10101083.5	CN	An Emergency Call Back Method	15.10.2003
Chin 3-13 (MW)	ALU	10/270629	US7676215	US	An Emergency Call Back Method	16.10.2002
Chin 3-13 (MW)	ALU	2003356367	JP4335636	JP	An Emergency Call Back Method	16.10.2003
Chin 3-13 (MW)	ALU	20030070526	KR101010868	KR	An Emergency Call Back Method	10.10.2003
Chin 3-13 (MW)	ALU	03256372.8	EP1411743	GB	An Emergency Call Back Method	09.10.2003
Chin 3-13 (MW)	ALU	03256372.8	EP1411743	IT	An Emergency Call Back Method	09.10.2003
Chin 3-13 (MW)	ALU	03256372.8	EP1411743	ES	An Emergency Call Back Method	09.10.2003
Chin 3-13 (MW)	ALU	03256372.8	EP1411743	FR	An Emergency Call Back Method	09.10.2003
Chin 3-13 (MW)	ALU	03256372.8	EP1411743	DE	An Emergency Call Back Method	09.10.2003
Rollender 16 (DH)	ALU	10/345168	US7480374	US	Emergency Service Callback To A Ported Number	16.01.2003
800655	ALU	11/717877	US8274983	US	Fairness Algorithm for Network Admission Control	13.03.2007

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
04142	Technologies	98101222.2	69806981,1	DE	METHOD FOR IMPROVING CONTRAST IN PICTURE SEQUENCES	24.01.1998
04142	Technologies	09/014954	6148103	US	METHOD FOR IMPROVING CONTRAST IN PICTURE SEQUENCES	28.01.1998
04142	Technologies	98101222.2	856813	GB	METHOD FOR IMPROVING CONTRAST IN PICTURE SEQUENCES	24.01.1998
07542	Technologies	09/145764	6707910	US	DOUBLE TALK/NEAR END DETECTION BASED ON SIGNAL	02.09.1998
07612	Technologies	09/163845	6202045	US	A VARIABLE ORDER LINEAR PREDICTION CODING FOR A VARIABLE BIT-RATE SPEECH CODEC	30.09.1998
07777	Technologies	09/234099	6584441	US	A BIT-RATE ADAPTIVE POSTFILTER	20.01.1999
10982	Technologies	10/169208	7502866	US	A METHOD FOR AUTOMATIC TRANSMISSION DATA COMMUNICATION PRIVATE IP NETWORKCONFIGURATION AND ADDRESSING - ACHIEVING ZERO-CONFIGURATIONDCN FOR NETWORKMANAGEMENT, AUTOMATED NETWORK CONFIGURATION, TESTING AND TROUBLESHOOTING INCELLULAR/PLAIN TRANSMISSION NETWO	05.01.2001
10982	Technologies	01803481.0	ZL01803481.0	CN	A METHOD FOR AUTOMATIC TRANSMISSION DATA COMMUNICATION PRIVATE IP NETWORKCONFIGURATION AND ADDRESSING - ACHIEVING ZERO-CONFIGURATIONDCN FOR NETWORKMANAGEMENT, AUTOMATED NETWORK CONFIGURATION, TESTING AND TROUBLESHOOTING INCELLULAR/PLAIN TRANSMISSION NETWO	05.01.2001
12775	Technologies	09/195857	6415138	US	FLEXIBLE FOIL DOOR	10.01.2001
12923	Technologies	09/207880	6028567	US	PLANAR DUAL-BAND ANTENNA BASED ON A PARASITIC ELEMENT	08.12.1998
13180	Technologies	99107414.7	59912231,5	DE	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	26.04.1999
13180	Technologies	99107414.7	957341	FR	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	26.04.1999
13180	Technologies	99107414.7	957341	GB	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	26.04.1999
13180	Technologies	09/311048	6456936	US	SAVING CURRENT CAR POSITION AS USER DEFINED LOCATION	27.07.2001
13262	Technologies	9727062.3	2329094	GB	NAVIGATION KEY FOR A HANDSET	22.12.1997
13319	Technologies	09/217211	6160513	US	X-A SLOT ANTENNA	21.12.1998
13380	Technologies	97307125.1	69710665,9	DE	FLASH MEMORY MANAGER	15.09.1997
13380	Technologies	08/937986	6301635	US	FLASH MEMORY MANAGER	26.09.1997
13493	Technologies	97307126.9	69717229,5	DE	FLASH MEMORY MANAGER	15.09.1997
13493	Technologies	08/938494	5912848	US	FLASH MEMORY MANAGER	26.09.1997
13494	Technologies	97307127.7	69726088,7	DE	FLASH MEMORY MANAGER	15.09.1997
13494	Technologies	08/938533	6092160	US	FLASH MEMORY MANAGER	26.09.1997
13574	Technologies	09/195854	6375026	US	METAL COVER CONSTRUCTION	19.11.1998
13718	Technologies	97-46610	441868	KR	IMPROVED IS-657 PACKET TRANSMISSION SCHEME	10.09.1997
13772	Technologies	09/005103	5929813	US	ANTENNA FOR MOBILE COMMUNICATIONS DEVICE	09.01.1998
13832	Technologies	09/322340	6473621	US	SHORTCUT CODES (SCC) FOR MESSAGES	28.05.1999
13916	Technologies	09/136186	6141417	US	HOOKING AND CRADLE OF PHONE UNIT	19.08.1998
13978	Technologies	09/465685	6600530	US	DISPLAY ATTACHMENT IMPROVEMENT	17.12.1999
14459	Technologies	00949513.6	60040379,3	DE	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	18.07.2000
14459	Technologies	991624	109749	FI	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	19.07.1999
14459	Technologies	09/787514	7269251	US	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	18.07.2000

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
14459	Technologies	00801444.2	ZL00801444.2	CN	TELEVERKON PREPAID RYHMÄ JA RYHMÄN SISÄISET SALDON SIIRROT TOIMINNEPUHELUA KÄYTTÄEN	18.07.2000
14470	Technologies	99936509.1	69936404,3	DE	PREVENTION OF SHORT MESSAGE SERVICE ACCORDING TO THE SHORT MESSAGE SERVICE CENTER AND A-SUBSCRIBER NUMBER FROM MOBILE ORIGINATED AND MOBILE TERMINATED DIRECTIONS	09.07.1999
14470	Technologies	99816796.7	ZL99816796.7	CN	PREVENTION OF SHORT MESSAGE SERVICE ACCORDING TO THE SHORT MESSAGE SERVICE CENTER AND A-SUBSCRIBER NUMBER FROM MOBILE ORIGINATED AND MOBILE TERMINATED DIRECTIONS	09.07.1999
14669	Technologies	10/055323	6711252	US	CENTRALIZED ATTENDANT IN A VPN GROUP SUPPORTING PRIVATE NETWORK QSIG PROTOCOL	25.07.2000
14672	Technologies	00944162.7	1200803	GB	LOCATION AWARE CALENDAR WITH LEARNING LOCATION BOOKMARKING	13.07.2000
14672	Technologies	10/030669	6958692	US	LOCATION AWARE CALENDAR WITH LEARNING LOCATION BOOKMARKING	13.07.2000
14811	Technologies	70024/00	770021	AU	PREPAID PROFILES	01.09.2000
14811	Technologies	00812291.1	ZL00812291.1	CN	PREPAID PROFILES	01.09.2000
14811	Technologies	PCT/2002/00260/CHE	214440	IN	PREPAID PROFILES	01.09.2000
14811	Technologies	1320/CHE/2004		IN	PREPAID PROFILES	03.12.2004
14811	Technologies	10/069485	7346154	US	PREPAID PROFILES	01.09.2000
14811	Technologies	08171613.6	60048965,5	DE	PREPAID PROFILES	15.12.2008
14811	Technologies	08171613.6	2166740	GB	PREPAID PROFILES	15.12.2008
15004	Technologies	00817154.8	ZL00817154.8	CN	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
15004	Technologies	00987517.0	60032385,4	DE	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
15004	Technologies	00987517.0	1238510	NL	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
15004	Technologies	10/172739	7372847	US	VOIP GATEWAY WITH V.110/V.120 SUPPORT	14.12.2000
16170	Technologies	09/976876	7526547	US	INTELLEGENT CHARGING EDGE (ICE) - BRIDGE	12.10.2001
16428	Technologies	02733132.1	60237715,3	DE	METHOD FOR SECURING MOBILE MULTIMEDIA DEVICE FROM MISUSE	27.03.2002
16428	Technologies	02733132.1	1488655	GB	METHOD FOR SECURING MOBILE MULTIMEDIA DEVICE FROM MISUSE	27.03.2002
16428	Technologies	10/508054	7835721	US	METHOD FOR SECURING MOBILE MULTIMEDIA DEVICE FROM MISUSE	27.03.2002
16617	Technologies	03802832.8	3802832,8	CN	VIRTUAL TERMINAL	24.01.2003
16617	Technologies	03702803.2		EP	VIRTUAL TERMINAL	24.01.2003
16676	Technologies	01822029.0	ZL01822029.0	CN	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	01992133.7	60121798,5	DE	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	01992133.7	1342340	FR	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	04109330.6	1066659	HK	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	772/KOLNP/2003	241348	IN	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	01992133.7	1342340	NL	ROUTER AND ROUTING PROTOCOL REDUNDANCY	06.12.2001
16676	Technologies	09/733284	6910148	US	ROUTER AND ROUTING PROTOCOL REDUNDANCY	07.12.2000
16676	Technologies	11/124134	7392424	US	ROUTER AND ROUTING PROTOCOL REDUNDANCY	09.05.2005
17414	Technologies	02781480.5	60227416,8	DE	A MECHANISM TO PERFORM AUTHORIZATION PRIOR TO HANDOVERS TO ADIFFERENT NETWORK	06.11.2002
17414	Technologies	09/986778	7684798	US	A MECHANISM TO PERFORM AUTHORIZATION PRIOR TO HANDOVERS TO ADIFFERENT NETWORK	09.11.2001

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
18090	Technologies	2367036	2367036	CA	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00805866.0	ZL00805866.0	CN	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00917089.5	60041484,1	DE	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00917089.5	1166385	FR	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	00917089.5	1166385	GB	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	2000-611335	4170594	JP	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18090	Technologies	09/937506	6714104	US	INVERTOITU MIKROLIUSKA-SIIRTOLINJA MONIKERROSRAKENTEESEEN INTEGROITUNA	30.03.2000
18101	Technologies	09/472864	6760012	US	PREDIKATIIVISESTI KIRJOITETUN LYHYTVIESTIN KORJAUSMENETELMÄ	27.12.1999
18133	Technologies	99971616.0	1127467	GB	Utilization of Video Redundancy Coding in Error Concealment	27.10.1999
18133	Technologies	99971616.0	69943111,5	DE	Utilization of Video Redundancy Coding in Error Concealment	27.10.1999
18133	Technologies	99971616.0	1127467	NL	Utilization of Video Redundancy Coding in Error Concealment	27.10.1999
18133	Technologies	09/432390	6744924	US	Utilization of Video Redundancy Coding in Error Concealment	02.11.1999
18241	Technologies	09/512489	6775397	US	IMPROVED METHOD FOR USER RECOGNITION WITH CCD CAMERAS	24.02.2000
18241	Technologies	10/816523	7660444	US	IMPROVED METHOD FOR USER RECOGNITION WITH CCD CAMERAS	01.04.2004
18298	Technologies	58326/00	761771	AU	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	PI0012182.7	PI0012182.7	BR	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	2378435	2378435	CA	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	200510120112.1	2,0051E+11	CN	A Method to Improve the Performance of the LTP tool	02.11.2005
18298	Technologies	00812488.4	ZL00812488.4	CN	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	05104931.0	60041207,5	DE	A Method to Improve the Performance of the LTP tool	07.06.2005
18298	Technologies	00944090.0	60021083,9	DE	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	00944090.0	1203370	ES	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	05104931.0	1587062	FR	A Method to Improve the Performance of the LTP tool	07.06.2005
18298	Technologies	00944090.0	1203370	FR	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	05104931.0	1587062	GB	A Method to Improve the Performance of the LTP tool	07.06.2005
18298	Technologies	00944090.0	1203370	GB	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	PCT/2002/00026/CHE	207238	IN	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	00944090.0	5,02006E+14	IT	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	2005-056891	4426483	JP	A Method to Improve the Performance of the LTP tool	02.03.2005
18298	Technologies	2001-508440	4142292	JP	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	2005-7013257	593459	KR	A Method to Improve the Performance of the LTP tool	18.07.2005
18298	Technologies	2001-7016955	545774	KR	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	00944090.0	1203370	NL	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	09/610461	7289951	US	A Method to Improve the Performance of the LTP tool	05.07.2000
18298	Technologies	11/296957	7457743	US	A Method to Improve the Performance of the LTP tool	08.12.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
18360	Technologies	09/369221	6914890	US	FRAME SORTING METHOD FOR MIXED DATA RATE ENVIRONMENT	05.08.1999
18450	Technologies	00311706.6	60022304,3	DE	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	00311706.6	1116961	FR	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	00311706.6	1116961	GB	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	00311706.6	5,02006E+14	IT	Speaker tracker for a multimicrophone system	27.12.2000
18450	Technologies	2001-2788	4694700	JP	Speaker tracker for a multimicrophone system	10.01.2001
18450	Technologies	09/482825	6449593	US	Speaker tracker for a multimicrophone system	13.01.2000
18681	Technologies	00819970.1	ZL00819970.1	CN	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	60009962,8	DE	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	1327283	FR	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	1327283	GB	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	5,02005E+14	IT	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	00967886.3	1327283	NL	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18681	Technologies	10/399480	6958662	US	Multi-Band Waveguide-to-Microstrip Transition	18.10.2000
18829	Technologies	09/750772	7062469	US	Public Wireless Internet Access Subsidised by Dynamic Display Advertising	02.01.2001
18976	Technologies	02009134.4	60238458,3	DE	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	24.04.2002
18976	Technologies	02009134.4	1255244	GB	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	24.04.2002
18976	Technologies	2009-145579	4944161	JP	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	18.06.2009
18976	Technologies	02009134.4	1255244	NL	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	24.04.2002
18976	Technologies	10/137776	7162419	US	Optimal buffer configuration for LTP tool in MPEG-4 GA coder	01.05.2002
19080	Technologies	03813097.1	3813097,1	CN	An actuator mechanism for an autofocus and zoom optics of a mobile imaging terminal	04.06.2003
19080	Technologies	10/163111	6710950	US	An actuator mechanism for an autofocus and zoom optics of a mobile imaging terminal	05.06.2002
19080	Technologies	2004-511891	4344688	JP	An actuator mechanism for an autofocus and zoom optics of a mobile imaging terminal	04.06.2003
19128	Technologies	02817111.X	02817111.X	CN	Zoom-browser: A device and method for zooming and panning for hand-held devices	03.09.2002
19128	Technologies	09/944165	7075513	US	Zoom-browser: A device and method for zooming and panning for hand-held devices	04.09.2001
19177	Technologies	02816791.0	2816791	CN	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19177	Technologies	02755563.0	60223054,3	DE	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19177	Technologies	02755563.0	1421794	FR	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19177	Technologies	2004-7002761	765310	KR	Method and system for content selection from a wireless device using personalized and filtered metadata	12.08.2002
19228	Technologies	02781646.1		EP	Method for user participation in entartainment shows over mobile communication	13.12.2002
19228	Technologies	10/015780	7062222	US	Method for user participation in entartainment shows over mobile communication	17.12.2001
19315	Technologies	10/327681	7023428	US	Virtual Stylus - A Method for One-hand Use of a Touch-screen Controlled Phone	20.12.2002
19315	Technologies	02805355.1		EP	Virtual Stylus - A Method for One-hand Use of a Touch-screen Controlled Phone	20.11.2002
19387	Technologies	10/056674	6934911	US	Grouping contextual objects and displaying them on a mobile terminal user interface	25.01.2002
19396	Technologies	02257828.0	60241781,3	DE	Noise Reduction and edge detection for Bayer Matrixed images	12.11.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
19396	Technologies	02257828.0	1315367	GB	Noise Reduction and edge detection for Bayer Matrixed images	12.11.2002
19396	Technologies	02257828.0	1315367	NL	Noise Reduction and edge detection for Bayer Matrixed images	12.11.2002
19396	Technologies	10/008577	6904169	US	Noise Reduction and edge detection for Bayer Matrixed images	13.11.2001
19750	Technologies	10/175641	7064760	US	Method for Extending Structured Content to Support Streaming	19.06.2002
22009	Technologies	09/436402	6255889	US	APPLYING SHUNT-SHUNT FEEDBACK TO THE RF TRANSISTOR IN A GILBERT CELL EVEN IN COMBINATION WITH INDUCTIVE SERIES FEEDBACK, IN ORDER TO IMPROVE INPUT EXPRESSION AND MINIMIZE NOISE	09.11.1999
23775	Technologies	03253900.9	60317267,9	DE	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	20.06.2003
23775	Technologies	03253900.9	1377083	FR	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	20.06.2003
23775	Technologies	03253900.9	1377083	NL	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	20.06.2003
23775	Technologies	10/603080	7590678	US	OFFERING NUMBER PORTABILITY INFORMATION TO SCP OR GSMSCF	25.06.2003
24009	Technologies	09/304348	6231519	US	AIR QUALITY ANALYSIS METHOD BASED ON HUMAN REACTIONS AND CLUSTERING METHODS	04.05.1999
24153	Technologies	09/260105	6661784	US	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	69941082,7	DE	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	1060594	FR	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	1060594	GB	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24153	Technologies	99906284.7	1060594	NL	A METHOD FOR AUTOMATIC ACCESS TO WAP SERVICES IN PICONETS	02.03.1999
24293	Technologies	09/563739	6748249	US	DUAL SLIDE MECHANISM FOR CELLULAR PHONES	03.05.2000
24396	Technologies	19991684	109445	FI	WIRELESS SUBSCRIBER IDENTITY MODULE READER	06.08.1999
24396	Technologies	09/630945	6928299	US	WIRELESS SUBSCRIBER IDENTITY MODULE READER	03.08.2000
24476	Technologies	09/321861	6201501	US	PORTABLE RADIO TELEPHONE APPARATUS HAVING INTERNAL GPS ANTENNA LOCATED ABOVE THE DISPLAY OR SPEAKER	28.05.1999
24482	Technologies	09/469004	6365854	US	SLIDE CONTACT- AND DOUBLE COVER CONSTRUCTION	21.12.1999
24515	Technologies	00660228.8	60026276,6	DE	OPTIMIZED MULTIELEMENT ANTENNA FEEDING LINES FOR ONE FEEDINGPOINT	12.12.2000
24515	Technologies	09/749365	6498586	US	OPTIMIZED MULTIELEMENT ANTENNA FEEDING LINES FOR ONE FEEDINGPOINT	27.12.2000
24556	Technologies	09/740802	6563739	US	MMI (MODIFIED MEMORY INTERFACE)	21.12.2000
24629	Technologies	01919485.1	60128081,4	DE	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	20000639	117772	FI	OPTIMOITU REGULAATTORI	17.03.2000
24629	Technologies	01919485.1	1287604	FR	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	01919485.1	1287604	GB	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	01919485.1	5,02008E+14	IT	OPTIMOITU REGULAATTORI	09.03.2001
24629	Technologies	09/811058	6441591	US	OPTIMOITU REGULAATTORI	16.03.2001
24664	Technologies	00972922.9	60040863,9	DE	MOBILE PHONE INTEGRATED CAMERA WITH IMPROVED SELF VIEW CAPABILITIES	25.10.2000
24740	Technologies	01660130.4	60119035,1	DE	TOTAL MAIL MESSAGING CONCEPT	29.06.2001
24740	Technologies	09/897354	7395313	US	TOTAL MAIL MESSAGING CONCEPT	02.07.2001
24740	Technologies	01660130.4	1170911	GB	TOTAL MAIL MESSAGING CONCEPT	29.06.2001
24740	Technologies	01660130.4	1170911	NL	TOTAL MAIL MESSAGING CONCEPT	29.06.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
24856	Technologies	00309610.4	60042389,1	DE	GESTURE BASED USER IDENTIFICATION	31.10.2000
24856	Technologies	09156018.5	60048496,3	DE	GESTURE BASED USER IDENTIFICATION	24.03.2009
24856	Technologies	00309610.4	1104143	FR	GESTURE BASED USER IDENTIFICATION	31.10.2000
24856	Technologies	09156018.5	2111021	FR	GESTURE BASED USER IDENTIFICATION	24.03.2009
24856	Technologies	00309610.4	1104143	GB	GESTURE BASED USER IDENTIFICATION	31.10.2000
24856	Technologies	09156018.5	2111021	GB	GESTURE BASED USER IDENTIFICATION	24.03.2009
24856	Technologies	09156018.5	2111021	NL	GESTURE BASED USER IDENTIFICATION	24.03.2009
24932	Technologies	01660086.8	60108445,4	DE	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	04.05.2001
24932	Technologies	01660086.8	1161064	FR	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	04.05.2001
24932	Technologies	01660086.8	1161064	GB	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	04.05.2001
24932	Technologies	09/864007	7292880	US	BLUETOOTH HEADSET WITH MEMORY CARD AND FM RADIO	23.05.2001
24953	Technologies	01300455.1	60145186,4	DE	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	19.01.2001
24953	Technologies	01300455.1	1122583	NL	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	19.01.2001
24953	Technologies	09/494229	6700638	US	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	31.01.2000
24953	Technologies	13315/2001	4728489	JP	TEMPERATURE STABILIZATOR FOR LIQUID CRYSTAL DISPLAYS (LCD)	22.01.2001
25051	Technologies	09/179771	6349220	US	BACK TOUCH SCREEN	27.10.1998
25051	Technologies	98121429.0	ZL98121429.0	CN	BACK TOUCH SCREEN	30.10.1998
25051	Technologies	98308299.1	69835863,5	DE	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	98308299.1	913977	FR	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	98308299.1	5,02007E+14	IT	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	98308299.1	913977	SE	BACK TOUCH SCREEN	13.10.1998
25051	Technologies	9723086.6	2330982	GB	BACK TOUCH SCREEN	31.10.1997
25116	Technologies	9923957.6	2355128	GB	MULTIFUNCTION TRANSDUCER	08.10.1999
25116	Technologies	09/684949	7092745	US	MULTIFUNCTION TRANSDUCER	10.10.2000
25175	Technologies	09/684662	6784844	US	FLEXIBLE ANTENNA	10.10.2000
25195	Technologies	10/089815	7215975	US	ON/OFF BUTTON RETURNS TO IDLE STATE	25.09.2000
25195	Technologies	9923920.4	2355145	GB	ON/OFF BUTTON RETURNS TO IDLE STATE	08.10.1999
25286	Technologies	06002190.4	60147822,3	DE	GAMES BUSINESS MODEL	02.06.2006
25286	Technologies	01960361.2	60118747,4	DE	GAMES BUSINESS MODEL	22.06.2001
25286	Technologies	06002190.4	1659757	GB	GAMES BUSINESS MODEL	02.06.2006
25286	Technologies	0016256.0	2364484	GB	GAMES BUSINESS MODEL	30.06.2000
25286	Technologies	01960361.2	1299985	GB	GAMES BUSINESS MODEL	22.06.2001
25569	Technologies	09/964903	6618011	US	ANTENNA	27.09.2001
25642	Technologies	200480011968.9	2,0048E+11	CN	AUDIBLE CUES AND VOICETAGS REUSE IN A PHONE IN ORDER TO INCREASE ITS ACCESSIBILITY	26.04.2004
25642	Technologies	10/429192	7363060	US	AUDIBLE CUES AND VOICETAGS REUSE IN A PHONE IN ORDER TO INCREASE ITS ACCESSIBILITY	02.05.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
25642	Technologies	2005-7020267	749018	KR	AUDIBLE CUES AND VOICETAGS REUSE IN A PHONE IN ORDER TO INCREASE ITS ACCESSIBILITY	26.04.2004
25745	Technologies	04252961.0	6,02004E+11	DE	REVERSE ENGINEERING OF CELLPHONES AT END OF LIFE TO CREATE SUCH ITEMS AS CLOCKS, STOP WATCHES, CALCULATORS AND OTHER EMBEDDED BUT NOT PHONE SPECIFIC FEATURES	20.05.2004
25745	Technologies	10/444485	7251458	US	REVERSE ENGINEERING OF CELLPHONES AT END OF LIFE TO CREATE SUCH ITEMS AS CLOCKS, STOP WATCHES, CALCULATORS AND OTHER EMBEDDED BUT NOT PHONE SPECIFIC FEATURES	23.05.2003
26031	Technologies	09/691539	6437745	US	WIRELESS LAN PC-CARD ANTENNA	18.10.2000
26128	Technologies	09/599136	6940869	US	GPRS WLAN INTEGRATION - DATA TRANSPORT AND FUNCTIONS OF WIPLAYER	22.06.2000
26176	Technologies	02716255.1	60238307,2	DE	2G GSM AND HOTSPOT RADIO SEAMLESSMOBILITY	29.01.2002
26176	Technologies	02716255.1	1356701	GB	2G GSM AND HOTSPOT RADIO SEAMLESSMOBILITY	29.01.2002
26176	Technologies	09/770491	8019335	US	2G GSM AND HOTSPOT RADIO SEAMLESSMOBILITY	29.01.2001
26522	Technologies	00976873.0	60046428,8	DE	LOST PACKET RECOVERY ALGORITHM BASED ON TIME DOMAIN INTERPOLATION	03.11.2000
26522	Technologies	09/432781	6549886	US	LOST PACKET RECOVERY ALGORITHM BASED ON TIME DOMAIN INTERPOLATION	03.11.1999
27302	Technologies	2010-150843	4745451	JP	SYSTEM FOR PROFILING WIRELESS TERMINAL ACTIVITY AND DETERMINING SERVICE CONTEXT	01.07.2010
27302	Technologies	09/404759	6527641	US	SYSTEM FOR PROFILING WIRELESS TERMINAL ACTIVITY AND DETERMINING SERVICE CONTEXT	24.09.1999
27337	Technologies	14/475774	9369821	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	03.09.2014
27337	Technologies	09/470303	6832230	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	22.12.1999
27337	Technologies	10/981475	7904528	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	05.11.2004
27337	Technologies	00660234.6		EP	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	18.12.2000
27337	Technologies	10/777284	8856266	US	DOWNLOADABLE APPLICATION OR DATA WITH VARIABLE LIFETIME	11.02.2004
27376	Technologies	09/800772	6908389	US	PREDEFINED MESSAGES FOR WIRELESS MULTIPLAYER GAMING	07.03.2001
27376	Technologies	02702613.7	60219897,6	DE	PREDEFINED MESSAGES FOR WIRELESS MULTIPLAYER GAMING	05.03.2002
28050	Technologies	10/092209	7163459	US	A METHOD AND A SYSTEM FOR ARRANGING BETTING IN THE MOBILE TERMINAL	06.03.2002
28055	Technologies	09/460340	6579184	US	A METHOD AND A SYSTEM FOR MULTIPLAYER GAMES AROUND THE BROADCATS PROGRAM	10.12.1999
28055D1	Technologies	10/401664	6817947	US	MULTI-PLAYER GAME SYSTEM	28.03.2003
28056	Technologies	09/981688	7451401	US	USER INTERFACE FOR BETTING SERVICES	17.10.2001
28056	Technologies	00941154.7	1195059	GB	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28056	Technologies	00941154.7	60015764,4	DE	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28056	Technologies	00941154.7	1195059	FR	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28056	Technologies	00941154.7	5,02006E+14	IT	USER INTERFACE FOR BETTING SERVICES	30.05.2000
28070	Technologies	10/169198	6758563	US	CALIBRATION FREE EYE TRACKER	13.12.2000
28129	Technologies	01813744.X	ZL01813744.X	CN	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	21.05.2001
28129	Technologies	10184441.3		EP	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	30.09.2010
28129	Technologies	01934225.2		EP	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	21.05.2001
28129	Technologies	09/580583	8175921	US	LOCATION AWARE PRODUCT PLACEMENT AND ADVERTISING	30.05.2000
28229	Technologies	09/750719	6801140	US	METHOD FOR ACTIVATE SMART CLOTHES & WEARABLE DEVICES	02.01.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
28231	Technologies	02251013.5	60214449,3	DE	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	02251013.5	1233576	GB	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	02251013.5	5,02007E+14	IT	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	02251013.5	1233576	NL	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	14.02.2002
28231	Technologies	12/685497	8447835	US	METHOD FOR SENDING INTERNET SITE ADD AND USING IT AS A TRIGGER TO GO ONLINE	11.01.2010
28242	Technologies	09/708093	7251775	US	VISUAL HISTORY PRESENTATION AND MANAGEMENT	08.11.2000
28372	Technologies	10/533268	7962632	US	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	03795992.1	60321210,7	DE	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	03795992.1	1563669	FR	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	03795992.1	1563669	GB	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28372	Technologies	2005-7007560	741943	KR	INTELLIGENT AGENTS IN HYBRID NETWORKS	03.11.2003
28553	Technologies	02445181.7		EP	DISTRIBUTED AND VIRAL CROSS-MEDIA QUIZZ GAME	18.12.2002
28553	Technologies	10/017382	7125336	US	DISTRIBUTED AND VIRAL CROSS-MEDIA QUIZZ GAME	18.12.2001
28580	Technologies	10/083134	7249182	US	PERSONAL PROFILE TO BLUETOOTH	27.02.2002
28640	Technologies	02741006.7	60212724	DE	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	02741006.7	1520436	FR	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	02741006.7	1520436	GB	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	200910146535.9	2,0091E+11	CN	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	03.06.2009
28640	Technologies	2004-7021610	798952	KR	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28640	Technologies	10/518686		US	TEASER INVITATION - SENDING MEDIA INVITATIONS TO A GROUP EXPERIENCE	01.07.2002
28746	Technologies	10/608019	7333479	US	UDP/IP STACK IN RFID ENVIRONMENT	30.06.2003
28748	Technologies	11/211702	7474196	US	RF-ID QUESTIONARE FORM	26.08.2005
28748	Technologies	10/368486	6978118	US	RF-ID QUESTIONARE FORM	20.02.2003
28803	Technologies	10/452865		US	VALIDATABLE AND PERSONAL MOBILE COUPON BASED ON J2ME MIDLETAND SERVER INTERACTION	02.06.2003
28976	Technologies	04026451.7	6,02004E+11	DE	TOPOGRAPHY PRESENTATION OF MEDIA CONTENT FILES	08.11.2004
29225	Technologies	09/406076	6054954	US	RIVERS CASE 29225	27.09.1999
29322	Technologies	09/823017	6600931	US	ANTENNA/BAND SWITCH	30.03.2001
29427	Technologies	00912601.2	60004512,9	DE	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00912601.2	1175650	FR	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00912601.2	1175650	GB	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	PA/a/2001/010800	235426	MX	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00912601.2	1175650	NL	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	00809552.3	ZL00809552.3	CN	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	2001-7013625	729654	KR	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000
29427	Technologies	09/958985	7089031	US	BACKGROUND MESSAGING FROM TERMINAL	10.03.2000

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
29547	Technologies	01936304.3	60126929,2	DE	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	01936304.3	1281284	FR	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	01936304.3	1281284	GB	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	01809293.4	ZL01809293.4	CN	OPERATOR BROWSING ICON	02.05.2001
29547	Technologies	10/257354	7269638	US	OPERATOR BROWSING ICON	02.05.2001
29906	Technologies	10/023559	7236762	US	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	18.12.2001
29906	Technologies	01660241.9	60121716	DE	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29906	Technologies	01660241.9	1220441	ES	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29906	Technologies	01660241.9	1220441	FR	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
29906	Technologies	01660241.9	1220441	NL	DC BLOCKING METHOD FOR DIRECT CONVERSION RECEIVERS IN SPREADSPECTRUM SYSTEMS	20.12.2001
30621	Technologies	10/264285	7130286	US	POLICY RESOURCE TOKEN FOR EFFICIENT RESOURCE AUTHORIZATION DURING HANDOVERS	02.10.2002
32114	Technologies	10/519816	7496350	US	ELECTRONIC SOS CARD	02.07.2002
32117	Technologies	10/495348	7826539	US	PACKET DELIMITING FLOW CONTROL FOR ASYNCHRONOUS SERIAL DATAINTERFACES	25.02.2002
32315	Technologies	10/034237	7755566	US	METHODS FOR EXPRESSING ADDITIONAL INFORMATION ABOUT TRANSMITTED IMAGES DURING DISPLAY PHASE	27.12.2001
32337	Technologies	01000564.3	60115814,8	DE	CELLULAR 'JUKEBOX'	24.10.2001
32337	Technologies	10/027860	7024181	US	CELLULAR 'JUKEBOX'	25.10.2001
32337	Technologies	01000564.3	1202585	GB	CELLULAR 'JUKEBOX'	24.10.2001
32386	Technologies	09/703060	6810271	US	KASIPUHELIMEN SEKTORINAPPAIMISTO	31.10.2000
32612	Technologies	02142972.3	2142972,3	CN	COMPACT INTERNAL MULTIBAND SHORTED PATCH ANTENNA FOR SMALL PORTABLE PHONES	13.09.2002
32612	Technologies	02016563.5	60203673,9	DE	COMPACT INTERNAL MULTIBAND SHORTED PATCH ANTENNA FOR SMALL PORTABLE PHONES	24.07.2002
32612	Technologies	09/953353	6552686	US	COMPACT INTERNAL MULTIBAND SHORTED PATCH ANTENNA FOR SMALL PORTABLE PHONES	14.09.2001
32654	Technologies	02253626.2	60210541,2	DE	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	02253626.2	1271898	FR	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	02253626.2	1271898	GB	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	02253626.2	1271898	NL	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	23.05.2002
32654	Technologies	09/884639	7069063	US	USER CHANGEABLE COVER CONSTRUCTION FOR MOBILE PHONE	19.06.2001
32810	Technologies	2450844	2450844	CA	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	60202605,9	DE	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	1395892	ES	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	20011278	114416	FI	SEAMLESS TERMINAL SW SECURITY	15.06.2001
32810	Technologies	02743287.1	1395892	FR	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	1395892	GB	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02743287.1	5,02006E+14	IT	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	2003-7016192	10-657532	KR	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32810	Technologies	02815783.4	ZL02815783.4	CN	SEAMLESS TERMINAL SW SECURITY	14.06.2002

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32810	Technologies	10/173569	7506381	US	SEAMLESS TERMINAL SW SECURITY	14.06.2002
32894	Technologies	10/246344	6784834	US	GPS RANGE FITTING	17.09.2002
33004	Technologies	02826651.X	ZL02826651.X	CN	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	17.10.2002
33004	Technologies	02802339.8	60242585,9	DE	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	17.10.2002
33004	Technologies	2004-7006433	959569	KR	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	17.10.2002
33004	Technologies	10/005766	7702293	US	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	02.11.2001
33004	Technologies	12/380092	8965304	US	MULTIMODE I/O CIRCUITRY SUPPORTING LOW INTERFERENCE SIGNALING SCHEMES FOR HIGH SPEED DIGITAL INTERFACES.	23.02.2009
33228	Technologies	10/012061	6771211	US	DOPPLER POSITIONING IN TIME RECOVERY	13.11.2001
33278	Technologies	03802434.9	ZL03802434.9	CN	ZOOM PAD	17.01.2003
33278	Technologies	03700123.7		EP	ZOOM PAD	17.01.2003
33278	Technologies	2004-7011014	919179	KR	ZOOM PAD	17.01.2003
33278	Technologies	10/501895	7336263	US	ZOOM PAD	17.01.2003
33281	Technologies	10/037734	6850226	US	PHONE WITH SLIDABLE AND (OPTIONAL) TURNABLE DISPLAY	09.11.2001
33285	Technologies	10/172796	6946677	US	PRINTING OF ORGANIC CIRCUIT ONTO SUBSTRATES PRE-PATTERNED BYINJECTION MOLDING	14.06.2002
33359	Technologies	09/993513	7149550	US	WORD COMPLETION	27.11.2001
33416	Technologies	10/096491	7373120	US	LIGHT COMPOSER FOR MOBILE PHONES	13.03.2002
33416	Technologies	11/951215	7768419	US	LIGHT COMPOSER FOR MOBILE PHONES	05.12.2007
33623	Technologies	10/060385	7512399	US	MULTI-FUNCTION SEND KEY PRESS	01.02.2002
33623	Technologies	0102680.6	2371948	GB	MULTI-FUNCTION SEND KEY PRESS	02.02.2001
33623	Technologies	07075037.7		EP	MULTI-FUNCTION SEND KEY PRESS	15.01.2007
33627	Technologies	10/157146	6918833	US	ATTRIBUTE SYSTEM FOR GAMES	30.05.2002
33718	Technologies	10/020195	6618020	US	QUARTER WAVELENGTH SLOT ANTENNA	18.12.2001
33718	Technologies	10/498577	7327324	US	QUARTER WAVELENGTH SLOT ANTENNA	16.12.2002
33813	Technologies	0330052.2	2409582	GB	Antenna with ground plane resonator	24.12.2003
33813	Technologies	11/019412	7339528	US	Antenna with ground plane resonator	21.12.2004
33813	Technologies	12/004991	7439916	US	Antenna with ground plane resonator	21.12.2007
33960	Technologies	11/660123	7904058	US	AudioCalEn - Mehtod for hands-free calendar entries using speaker independent audio output	22.10.2004
34135	Technologies	02011992.1	1274086	GB	JUMP TO TIME POSITION IN MPEG2 RECORDING	30.05.2002
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34135	Technologies	09/893132	7106944	US	JUMP TO TIME POSITION IN MPEG2 RECORDING	27.06.2001
34619	Technologies	10/625447	7676802	US	APPLICATION/CONTENT DOWNLOAD, AGNOSTIC TO THE DOWNLOAD MECHANISM	23.07.2003
34619	Technologies	12/691479	8127285	US	APPLICATION/CONTENT DOWNLOAD, AGNOSTIC TO THE DOWNLOAD MECHANISM	21.01.2010
35288	Technologies	2005-7007387	1011216	KR	CONCEPT:EXCHANGE OF PERSONAL ENVIRONMENT USING SYNCML	28.10.2003
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35289	Technologies	2004-7011556	967851	KR	OPTIMAL TUNING CIRCUITS FOR FREQUENCY-TUNABLE ANTENNAS	24.01.2003
35289	Technologies	10/058823	6650295	US	OPTIMAL TUNING CIRCUITS FOR FREQUENCY-TUNABLE ANTENNAS	28.01.2002
35387	Technologies	10/087465	7158176	US	USING VALUE PRIORIZATION OF DATA FILES TO MINIMIZE MEMORY SIZE AND OPTIMIZE MEMORY USAGE IN WIRELESS MOBILE TERMINALS	01.03.2002
35430	Technologies	03807913.5	ZL03807913.5	CN	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	31.03.2003
35430	Technologies	03745861.9	60325570,1	DE	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	31.03.2003
35430	Technologies	2004-7015958	966518	KR	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	31.03.2003
35430	Technologies	10/118657	6751470	US	VERSATILE RF FRONT END ARCHITECTURE FOR MULTIBAND PHONES	08.04.2002
35496	Technologies	200380108337.4	2,0038E+11	CN	A FAMILY OF MULTIFUNCTIONAL ARCHITECTURES FOR VIDEO AND IMAGE PROCESSING (MAVIPs) BASED ON HIGH-RADIX MULTIPLIER STRUCTURES #2	05.11.2003
35496	Technologies	03810471.7	60318494,4	DE	A FAMILY OF MULTIFUNCTIONAL ARCHITECTURES FOR VIDEO AND IMAGE PROCESSING (MAVIPs) BASED ON HIGH-RADIX MULTIPLIER STRUCTURES #2	05.11.2003
35497	Technologies	200404802.1	106276	SG	EXPRESSION ACCESSORY (AMULET CONCEPT)	28.03.2003
35499	Technologies	02720355.3	60227198,3	DE	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35499	Technologies	02828761.4	2828761,4	CN	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35499	Technologies	2004-7016433	873711	KR	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35499	Technologies	10/411074	7308642	US	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	09.04.2003
35499	Technologies	02720355.3	1495610	GB	SYNCHRONIZATION WITHOUT PARSING THE SYNCML DOCUMENT	15.04.2002
35601	Technologies	10/440430	6865478	US	FAST GLOBAL GPS RANGE FITTING	16.05.2003
35855	Technologies	10/218020	6968175	US	MECHANISM FOR SHARING TRANSMISSION REVENUE BETWEEN MOBILE OPERATOR AND CONTENT PROVIDERS	13.08.2002
35968	Technologies	10/390548	7724705	US	TOUCH-INITIATED WIRELESS DATA TRANSFER MECHANISM	14.03.2003
35968	Technologies	10/557218	8165523	US	TOUCH-INITIATED WIRELESS DATA TRANSFER MECHANISM	04.03.2004
35992	Technologies	10/278048	6813143	US	FOLDABLE DISPLAY FOR QWERTY ACCESS	21.10.2002
36054	Technologies	2006-7015447	830572	KR	GPS- FUNCTION IN USER CHANGEABLE COVER CONSTRUCTED MOBILE DEVICE. EXAMPLE: MOBILE PHONE	25.01.2005
36054	Technologies	10/769466	7305260	US	GPS- FUNCTION IN USER CHANGEABLE COVER CONSTRUCTED MOBILE DEVICE. EXAMPLE: MOBILE PHONE	30.01.2004
36106	Technologies	04704626.3	6,02004E+11	DE	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	04704626.3	1590997	FR	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	04704626.3	1590997	GB	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	04704626.3	1590997	NL	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	23.01.2004
36106	Technologies	200410003812.8	2,0041E+11	CN	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	06.02.2004
36106	Technologies	2004-7519	1059912	KR	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	05.02.2004
36106	Technologies	10/361804	6965072	US	SHIELDING CAN CONCEPT FOR SERVICEABLE CANS	07.02.2003
36372	Technologies	10/422352	7418485	US	WEB SERVICES PSEUDONYMITY PROXY	24.04.2003
36644	Technologies	10/875981	7684834	US	BATTERY ASSISTANT FEATURE FOR WIRELESS PORTABLE DEVICES	24.06.2004
36922	Technologies	04805201.3		EP	PRINTABLE TOUCH PAD	29.12.2004
36922	Technologies	10/749062	7295189	US	PRINTABLE TOUCH PAD	29.12.2003

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37103	Technologies	10/866841	7884824	US	Clairvoyant Selection Element	14.06.2004
37134	Technologies	10/449866	7142894	US	A system for voice level detection during phone calls in socially sensitive environment	30.05.2003
37146	Technologies	10/414462	7006110	US	A low-cost hardware algorithm for triangle edge antialiasing	15.04.2003
37186	Technologies	04791165.6	6,02004E+11	DE	SYSTEM TO PROVIDE POWER SAVING MODE IN OPTICAL DATA TRANSMISSIONS	06.10.2004
37186	Technologies	10/564205	7636523	US	SYSTEM TO PROVIDE POWER SAVING MODE IN OPTICAL DATA TRANSMISSIONS	06.10.2004
37306	Technologies	10/757983	7099708	US	INTEGRATED ROTATION/ LINEAR MOVEMENT IN FOLD PHONE	14.01.2004
37445	Technologies	10/888534	7728844	US	RESTORATION OF RAW COLOR COMPONENTS IN THE IMAGE RECONSTRUCTION CHAIN	09.07.2004
37456	Technologies	12/084513	8951191	US	MAGNETICALLY MODULATED SIGNAL RECEIVER ARRANGEMENT	04.11.2005
37456	Technologies	200580051630.0	2,0058E+11	CN	MAGNETICALLY MODULATED SIGNAL RECEIVER ARRANGEMENT	04.11.2005
39174	Technologies	10/748100	7142231	US	Method for Improved Multitasking on Handsets	29.12.2003
39224	Technologies	04743815.5	6,02004E+11	DE	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	PI0411962.2		BR	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	04743815.5	1642447	GB	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	2530669	2530669	CA	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	200480021583.0	2,0048E+11	CN	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	7025013/2005	793399	KR	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	10/562566	9344133	US	SERVICE CONTACT CARDS	28.06.2004
39224	Technologies	15/131587		US	SERVICE CONTACT CARDS	18.04.2016
39224	Technologies	15/131550		US	SERVICE CONTACT CARDS	18.04.2016
40127	Technologies	200480034119.5		CN	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	10/822874	7372840	US	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	13.04.2004
40127	Technologies	04798959.5	1687958	GB	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	1687958	ES	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	1687958	PL	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	1687958	NL	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40127	Technologies	04798959.5	6,02004E+11	DE	A METHOD TO SUPPORT FILTERING OF DYNAMIC FLOWS THROUGH STATIC FILTERING	24.11.2004
40581	Technologies	08102200.4	1108192	HK	SLIDING TAB	27.02.2008
40581	Technologies	05717312.2	6,02005E+11	DE	SLIDING TAB	03.03.2005
40581	Technologies	11/885531	8281252	US	SLIDING TAB	03.03.2005
41039	Technologies	06701199.9		EP	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	95101674	I315844	TW	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	11/039058	7812786	US	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	18.01.2005
41039	Technologies	PI0606681.0		BR	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006
41039	Technologies	2007121792	2409834	RU	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	17.01.2006

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41039	Technologies	08103275.2		HK	UTILISING UI SCALABILITY ON DUAL DISPLAY DEVICE	20.03.2008
41650	Technologies	200680054080.2	2,0068E+11	CN	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41650	Technologies	06765430.1	2013691	EP	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41650	Technologies	09109604.0	1130101	HK	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	16.10.2009
41650	Technologies	96109088	I341484	TW	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	16.03.2007
41650	Technologies	12/456847	8330715	US	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	22.06.2009
41650	Technologies	06765430.1	2013691	DE	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
41650	Technologies	06765430.1	2013691	GB	METHOD AND APPARATUS FOR EFFECTIVE USER INTERACTION IN MOBILE APPLICATIONS	30.03.2006
42437	Technologies	05821663.1	6,02005E+11	DE	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	11/023129	7881708	US	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	27.12.2004
42437	Technologies	05821663.1	1832096	DK	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	200580044911.3	2,0058E+11	CN	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	FR	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	2007-7017199	925759	KR	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	GB	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	HU	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	IE	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	2839/CHENP/2007	269176	IN	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	NL	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	05821663.1	1832096	RO	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	14.12.2005
42437	Technologies	12191318.0	6,02005E+11	DE	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	05.11.2012
42437	Technologies	12191318.0	2557765	GB	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	05.11.2012
42437	Technologies	12191318.0	2557765	NL	PROFILE AND CONTEXT BASED PHONE UI MODIFICATION	05.11.2012
42705	Technologies	10/511771	7551888	US	A METHOD FOR INTERACTIVE CONTENT VIEWING UTILIZING FLOW MODE AND BROWSING MODE	14.04.2003
42706	Technologies	03809008.2	3809008,2	CN	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42706	Technologies	10/511797		US	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42706	Technologies	03712200.9	60329091,4	DE	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42706	Technologies	03712200.9	1497994	GB	A METHOD FOR PURCHASING CONTENT PROVICER¿S CONTENT FROM SERVICE PROVIDER¿S PARALLEL CHANNEL CONTENT FEED	14.04.2003
42724	Technologies	03748433.4	60343887,3	DE	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	03748433.4	1670557	FR	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	03748433.4	1670557	GB	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	03748433.4	1670557	NL	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	200380110506.8	2,0038E+11	CN	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003

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42724	Technologies	13/358490	8616980	US	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	25.01.2012
42724	Technologies	10/574876	8128501	US	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42724	Technologies	2006-7006820	838764	KR	GAME SCANNING AND GAME BOOK FOR MULTIPARTY GAMING INITIATION	10.10.2003
42774	Technologies	2005-7013753	757975	KR	MOBILE DRIVEN GAME	10.07.2004
42774	Technologies	14187597.1	2837416	GB	MOBILE DRIVEN GAME	03.10.2014
42774	Technologies	10/568296	8926437	US	MOBILE DRIVEN GAME	10.07.2004
42774	Technologies	14187597.1	2837416	DE	MOBILE DRIVEN GAME	03.10.2014
42774	Technologies	14187597.1	2837416	EP	MOBILE DRIVEN GAME	03.10.2014
42821	Technologies	11/159084	8083586	US	MOBILE ONLINE CROSS GAMES ENVIRONMENT (ARENAVERSE)	22.06.2005
43003	Technologies	10/816382	6980556	US	Splitted Proxy with Media	01.04.2004
43178	Technologies	200580008777.1	2,0058E+11	CN	SECURE MODE CONTROLLED MEMORY	03.03.2005
43178	Technologies	05708671.2		EP	SECURE MODE CONTROLLED MEMORY	03.03.2005
43178	Technologies	2006-7019183	851631	KR	SECURE MODE CONTROLLED MEMORY	03.03.2005
43178	Technologies	10/804855	7500098	US	SECURE MODE CONTROLLED MEMORY	19.03.2004
43315	Technologies	2005-22131	711136	KR	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	17.03.2005
43315	Technologies	200510055911.5	2,0051E+11	CN	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	18.03.2005
43315	Technologies	05397007.5	1577769	GB	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	04.03.2005
43315	Technologies	05397007.5	1577769	NL	Footprints - An improved copy/paste functionality to facilitate the transfer of data between active mobile applications	04.03.2005
43373	Technologies	PI0509565.4		BR	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	10/809165	8077653	US	IMPLICIT PAUSE AND IMPLICIT CONTINUE	25.03.2004
43373	Technologies	05717343.7	6,02005E+11	DE	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	05717343.7	1730979	FR	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	05717343.7	1730979	GB	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43373	Technologies	05717343.7	1730979	NL	IMPLICIT PAUSE AND IMPLICIT CONTINUE	16.03.2005
43516	Technologies	10/830192	7623119	US	GRAPHICAL FUNCTIONS BY GESTURES	21.04.2004
44021	Technologies	05754701.0		EP	CACHING USED LIBERTY IDPS IN TERMINAL	24.06.2005
44021	Technologies	10/875974	8499153	US	CACHING USED LIBERTY IDPS IN TERMINAL	24.06.2004
44033	Technologies	2005209827	2005209827	AU	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	200580004241.2	2,0058E+11	CN	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	05708157.2	6,02005E+11	DE	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	20040179	116497	FI	Interworking optimization by selectively limiting control messaging	06.02.2004
44033	Technologies	05708157.2	1712063	FR	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	05708157.2	1712063	GB	Interworking optimization by selectively limiting control messaging	04.02.2005
44033	Technologies	4355/DELNP/2006		IN	Interworking optimization by selectively limiting control messaging	04.02.2005
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44033	Technologies	10/587979	8451848	US	Interworking optimization by selectively limiting control messaging	04.02.2005
44049	Technologies	2005-54499	679555	KR	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	23.06.2005
44049	Technologies	10/884625	7821875	US	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	01.07.2004
44049	Technologies	05397013.3	1742121	FR	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	22.06.2005
44049	Technologies	05397013.3	6,02005E+11	DE	DAYLIGHT SAVING TIME SUPPORT FOR MOBILE DEVICES	22.06.2005
44143	Technologies	10/961419	7518955	US	THE CALENDAR AND THE ALARM CLOCK APPLICATIONS INTEROPERABILITY	08.10.2004
44156	Technologies	3897/DELNP/2006		IN	Timing of Quality of Experience Metrics	13.02.2004
44156	Technologies	2006-7016166	808981	KR	Timing of Quality of Experience Metrics	13.02.2004
44156	Technologies	200480041534.3	2,0048E+11	CN	Timing of Quality of Experience Metrics	13.02.2004
44156	Technologies	201110162001.2	2,0111E+11	CN	Timing of Quality of Experience Metrics	09.06.2011
44211	Technologies	05718219.8		EP	DUAL PORT DRAM	21.03.2005
44211	Technologies	10/828516	7562193	US	DUAL PORT DRAM	19.04.2004
44459	Technologies	10/921072	7454461	US	A mobile information feeder hosting framework on the terminal	18.08.2004
44989	Technologies	200580034339.2	2,0058E+11	CN	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	19.08.2005
44989	Technologies	20077006244	875213	KR	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	19.08.2005
44989	Technologies	11/179811	7330156	US	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	11.07.2005
44989	Technologies	05775962.3	6,02005E+11	DE	DEVICE FOR INCREASING ISOLATION BETWEEN ANTENNAS IN MOBILE TERMINALS	19.08.2005
45057	Technologies	02744439.7	60229951,9	DE	SYSTEM AND METHOD FOR CONVERTING AN ATTACHEMENT IN AN E-MAILFOR DELIVERY TO A DEVICE OF LIMITED RENDERING CAPABILITY	18.06.2002
45057	Technologies	02744439.7	1412867	FR	SYSTEM AND METHOD FOR CONVERTING AN ATTACHEMENT IN AN E-MAILFOR DELIVERY TO A DEVICE OF LIMITED RENDERING CAPABILITY	18.06.2002
45087	Technologies	200580022261.2	2,0058E+11	CN	A VIRTUAL BROADCAST NETWORK FOR INTER-DOMAIN COMMUNICATIONS	16.06.2005
45087	Technologies	05756714.1		EP	A VIRTUAL BROADCAST NETWORK FOR INTER-DOMAIN COMMUNICATIONS	16.06.2005
45087	Technologies	10/881858	7296092	US	A VIRTUAL BROADCAST NETWORK FOR INTER-DOMAIN COMMUNICATIONS	30.06.2004
45217	Technologies	10/838217	7890116	US	ADAPTIVE BEACON PERIOD IN DISTRIBUTED NETWORK	05.05.2004
45469	Technologies	06727308.6		EP	MEDIA CHARGER SERVICE AFTER MS COMPONENT SWAP	01.03.2006
45469	Technologies	11/097376	7512401	US	MEDIA CHARGER SERVICE AFTER MS COMPONENT SWAP	04.04.2005
45618	Technologies	11/246216	8010621	US	OFFLINE WEB PAGE ACTIVATED BY READING A TAG	11.10.2005
45618	Technologies	13/189823	8650264	US	OFFLINE WEB PAGE ACTIVATED BY READING A TAG	25.07.2011
45638	Technologies	11/275470	7797740	US	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	06.01.2006
45638	Technologies	2008-549077	4956553	JP	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	03.01.2007
45638	Technologies	07700004.0		EP	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	03.01.2007
45638	Technologies	5862/DELNP/2008		IN	SYSTEM AND METHOD TO CONTROL OWNERSHIP OF CONTENT IN WHICH THE USER FEATURES, USING SMART PHONES	03.01.2007
46031	Technologies	05770923.0	1779688	EP	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005

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46031	Technologies	05770923.0	1779688	GB	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005
46031	Technologies	05770923.0	6,02005E+11	DE	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005
46031	Technologies	05770923.0	1779688	NL	BT - Method to Reduce Power Consumption of Bluetooth-Enabled Mobile Devices When Operating in DLNA-Compliant Home Networks	28.07.2005
47126	Technologies	11/169382	7263353	US	AUTOMATIC APPLICATION PROFILE AND POLICY CREATION	29.06.2005
47519	Technologies	05773337.0	6,02005E+11	DE	AGGREGATION WITH POWER EFFICIENCY AND AGGREGATION ACROSS MULTI-RATE WLAN FRAMES	22.07.2005
47519	Technologies	11/120918	7983203	US	AGGREGATION WITH POWER EFFICIENCY AND AGGREGATION ACROSS MULTI-RATE WLAN FRAMES	03.05.2005
47700	Technologies	200680032107.8	2,0068E+11	CN	WLAN - INFORMATION OF THE NEIGHBORING WLAN ACCESS POINT MEASUREMENT PACKETS TO THE STA	14.09.2006
47700	Technologies	06795494.1		EP	WLAN - INFORMATION OF THE NEIGHBORING WLAN ACCESS POINT MEASUREMENT PACKETS TO THE STA	14.09.2006
47700	Technologies	11/521063	8897788	US	WLAN - INFORMATION OF THE NEIGHBORING WLAN ACCESS POINT MEASUREMENT PACKETS TO THE STA	14.09.2006
47723	Technologies	11/385104	7554962	US	AP SELECTION MECHANISM TO EFFICIENTLY UTILIZE RADIO RESOURCE	20.03.2006
48031	Technologies	10/891271	7664176	US	ENTROPY CODING FOR SCALABLE VIDEO CODEC	14.07.2004
48038	Technologies	200580049302.7	2,0058E+11	CN	FLAT SLIDE CONCEPT	06.04.2005
48038	Technologies	05718363.4	6,02005E+11	DE	FLAT SLIDE CONCEPT	06.04.2005
48038	Technologies	05718363.4	1867143	NL	FLAT SLIDE CONCEPT	06.04.2005
48038	Technologies	11/910674	9203938	US	FLAT SLIDE CONCEPT	06.04.2005
48106	Technologies	10/957419	7957723	US	A Method and approach for sharing the information feed information on a mobile device	01.10.2004
48224	Technologies	05702486.1	6,02005E+11	DE	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	05702486.1	1847099	FR	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	05702486.1	1847099	GB	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	05702486.1	1847099	NL	THREE POSITION SLIDE MECHANISM	11.02.2005
48224	Technologies	11/795546	8285348	US	THREE POSITION SLIDE MECHANISM	11.02.2005
48263	Technologies	07788723.0	6,02007E+11	DE	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48263	Technologies	07788723.0	2041840	HU	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48263	Technologies	07788723.0	2041840	NL	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48263	Technologies	11/479651	7683839	US	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	30.06.2006
48263	Technologies	200780032374.X	200780032374.X	CN	MULTIBAND ANTENNA SYSTEM ENABLING MULTIBAND DIVERSITY OPERATION OR USE OF SEPARATE TX AND RX ANTENNAS	27.06.2007
48460	Technologies	11/388802	7760146	US	INTERNAL DVB-H ANTENNA FOR MOBILE TERMINALS	24.03.2006
48482	Technologies	11/026663	8583139	US	CONTEXT DIARY	31.12.2004
48482	Technologies	14/061379	9146973	US	CONTEXT DIARY	23.10.2013
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48574	Technologies	06253458.1	6,02006E+11	DE	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	30.06.2006
48574	Technologies	06253458.1	1739885	PL	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	30.06.2006
48574	Technologies	11/208199	8140066	US	POWER CONSUMPTION REDUCTION LOGIC FOR WLAN WITH UNSCHEDULED APSD AND REAL TIME SERVICES	19.08.2005
48884	Technologies	7758/DELNP/2007		IN	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	95112756	I435334	TW	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	11.04.2006
48884	Technologies	1-2007-02385	11524	VN	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	PI20061644	MY-143636-A	MY	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	10.04.2006
48884	Technologies	06711061.9	1869560	GB	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	11/105324	7702839	US	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	12.04.2005
48884	Technologies	200680017821.X	200680017821.X	CN	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	200716751.3	136480	SG	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	2007-7026185	948090	KR	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	11/998355	8635394	US	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	28.11.2007
48884	Technologies	2009-7022539	1140723	KR	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	28.10.2009
48884	Technologies	06711061.9	1869560	CZ	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	6,02006E+11	DE	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	1869560	HU	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	1869560	RO	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
48884	Technologies	06711061.9	1869560	SK	NON-VOLATILE MEMORY FUNCTIONING IN AN ADVANCED DRAM BUS	09.03.2006
49153	Technologies	9391/DELNP/2007	282192	IN	VIRTUAL RINGING TONES	15.05.2006
49153	Technologies	11/145015	7391300	US	VIRTUAL RINGING TONES	03.06.2005
49153	Technologies	2007-7028080	996974	KR	VIRTUAL RINGING TONES	15.05.2006
49750	Technologies	11/165706	8260743	US	AUTOMATIC DETECTION AND RETRIEVAL/SHARING OF MOBILE SUBSCRIBER INFO IN DEFINED GEOGRAPHICAL AREA.	24.06.2005
50674	Technologies	11/269142	7706749	US	BT DEVICE TO CONTACTS	07.11.2005
50956	Technologies	11/555378	9331802	US	IDENTIFYING SCOPE ESG FRAGMENTS AND ENABLING HIERARCHY IN THE SCOPE	01.11.2006
51024	Technologies	200680051677.1	2,0068E+11	CN	TUNE-IN TIME REDUCTION IN IP DATACASTING OVER DVB-H	24.11.2006
51024	Technologies	06821009.5		EP	TUNE-IN TIME REDUCTION IN IP DATACASTING OVER DVB-H	24.11.2006
51024	Technologies	11/275394	7826536	US	TUNE-IN TIME REDUCTION IN IP DATACASTING OVER DVB-H	29.12.2005
51026	Technologies	11/427963	7584495	US	REDUNDANT STREAM ALIGNMENT IN IP DATACASTING OVER DVB-H	30.06.2006
51114	Technologies	06821016.0	6,02006E+11	DE	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	13158126.6	6,02006E+11	DE	METHOD FOR CLOSING A COMMUNICATION LINK	07.03.2013
51114	Technologies	06821016.0	1964311	GB	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	13158126.6	2602957	GB	METHOD FOR CLOSING A COMMUNICATION LINK	07.03.2013
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51114	Technologies	13158126.6	2602957	NL	METHOD FOR CLOSING A COMMUNICATION LINK	07.03.2013
51114	Technologies	200680041699.X	200680041699.X	CN	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
51114	Technologies	11/312773	8374548	US	METHOD FOR CLOSING A COMMUNICATION LINK	21.12.2005
51114	Technologies	2011-201823	5124678	JP	METHOD FOR CLOSING A COMMUNICATION LINK	15.09.2011
51114	Technologies	2008-546661	4856192	JP	METHOD FOR CLOSING A COMMUNICATION LINK	01.12.2006
52252	Technologies	11/368395	8719391	US	METHOD AND SYSTEM FOR CONTROLLING CONTEXTUAL INFORMATION PUSH SERVICES	07.03.2006
52376	Technologies	10/188813	7305491	US	TECHNIQUES FOR HANDLING TIME ZONE CHANGES IN PERSONAL INFORMATION MANAGEMENT SOFTWARE	02.07.2002
52696	Technologies	11/424615	8713079	US	MOBILE DEVICE HW KEY FOR TAGGING CONTENT IN THE MOBILE DEVICE AND IN INTERNET SERVICES	16.06.2006
52781	Technologies	11/600661	8120585	US	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	16.11.2006
52781	Technologies	200710170216.2	2,0071E+11	CN	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	15.11.2007
52781	Technologies	07120226.1	1923774	EP	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	08.11.2007
52781	Technologies	07120226.1	1923774	GB	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	08.11.2007
52781	Technologies	07120226.1	6,02007E+11	DE	PRECISE VIBRATION CONTROL INTERFACE FOR APPLICATION DEVELOPERS (VIBRA API)	08.11.2007
52958	Technologies	12/520039	9294600	US	WATERPROOF CONNECTOR FOR BATTERY RECHARGING IN MOBILE DEVICES	21.12.2006
53152	Technologies	11/469566	8677243	US	MUSIC RECOMMENDATION ALGORITHM	01.09.2006
53353	Technologies	200780039255.7	2,0078E+11	CN	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53353	Technologies	2009-7008178	1054109	KR	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53353	Technologies	96134290	I430101	TW	A METHOD FOR TIME-STAMPING MESSAGES	13.09.2007
53353	Technologies	11/525125	8160084	US	A METHOD FOR TIME-STAMPING MESSAGES	22.09.2006
53353	Technologies	07848794.9	6,02007E+11	DE	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53353	Technologies	07848794.9	2064628	GB	A METHOD FOR TIME-STAMPING MESSAGES	18.09.2007
53360	Technologies	13/782442	8670804	US	MESSAGING IN CONTACTS	01.03.2013
53360	Technologies	11/617937	8538483	US	MESSAGING IN CONTACTS	29.12.2006
53360	Technologies	96150753	I491241	TW	MESSAGING IN CONTACTS	28.12.2007
53692	Technologies	200780044926.9	2,0078E+11	CN	CS VIDEO ENCHANCEMENT FOR EARLY CONNECT	05.12.2007
53692	Technologies	2973/CHENP/2009	267519	IN	CS VIDEO ENCHANCEMENT FOR EARLY CONNECT	05.12.2007
53692	Technologies	11/645383	8244229	US	CS VIDEO ENCHANCEMENT FOR EARLY CONNECT	26.12.2006
54102	Technologies	2012202346	2012202346	AU	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.04.2012
54102	Technologies	2661578	2661578	CA	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	6,02007E+11	DE	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	FR	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	GB	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	IE	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	07826068.4	2055107	NL	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	1-2009-500456	1-2009-500456	PH	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
54102	Technologies	200780035257.9	2,0078E+11	CN	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	1212/CHENP/2009	266298	IN	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	2009109847	2435235	RU	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	2009/1936	2009/1936	ZA	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	2009-7005944	1021831	KR	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	1-2009-00583		VN	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	20.08.2007
54102	Technologies	11/844300	8365060	US	INDICATING TRACK RELATIONSHIP IN MEDIA FILES	23.08.2007
54776	Technologies	08737998.8	2147524	GB	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	25.04.2008
54776	Technologies	6415/DELNP/2009		IN	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	25.04.2008
54776	Technologies	11/807170	8705375	US	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	24.05.2007
54776	Technologies	2009/8912	2009/8912	ZA	WLAN PS PROTOCOL INTEROPERABILITY DETECTION	25.04.2008
54895	Technologies	12/597923	8289219	US	MULTI RADIO ANTENNA SYSTEM INTEGRATION	02.05.2007
55750	Technologies	12/532179	8508428	US	WIDEBAND ANTENNA STRUCTURE FOR MOBILE TERMINALS BASED ON INTEGRATED FEED	30.03.2007
56000	Technologies	09/955750	6950623	US	METHODS AND SYSTEM FOR DYNAMICALLY SERVING IN-STREAM ADVERTISEMENTS	18.09.2001
56001	Technologies	09/976507	6842604	US	PERSONAL DIGITAL CONTENT SYSTEM	12.10.2001
56001	Technologies	09/270817	6338044	US	PERSONAL DIGITAL CONTENT SYSTEM	17.03.1999
56002	Technologies	09/588827	6801576	US	SYSTEM FOR ACCESSING, DISTRIBUTING AND MAINTAINING VIDEO CONTENT OVER PUBLIC AND PRIVATE INTERNET PROTOCOL NETWORKS	07.06.2000
56006	Technologies	2504312	2504312	CA	SYSTEM AND METHOD FOR PROVIDING MEDIA SAMPLES ON-LINE IN RESPONSE TO MEDIA RELATED SEARCHES ON THEINTERNET	30.10.2003
56006	Technologies	10/634853	7124125	US	SYSTEM AND METHOD FOR PROVIDING MEDIA SAMPLES ON-LINE IN RESPONSE TO MEDIA RELATED SEARCHES ON THEINTERNET	06.08.2003
56006	Technologies	11/485462	7739271	US	SYSTEM AND METHOD FOR PROVIDING MEDIA SAMPLES ON-LINE IN RESPONSE TO MEDIA RELATED SEARCHES ON THEINTERNET	13.07.2006
56012	Technologies	10/047511	7203758	US	SYSTEM AND METHOD FOR SELECTIVE INSERTION OF CONTENT INTO STREAMING MEDIA	19.10.2001
56015	Technologies	10/252400	7617272	US	SYSTEMS AND METHODS FOR ENHANCING STREAMING MEDIA	24.09.2002
56016	Technologies	09/502627	7562300	US	SYSTEM FOR AUTOMATED COMPREHENSIVE REMOTE SERVICING FOR MEDIA INFORMATION	11.02.2000
56021	Technologies	09/634084	6732180	US	SYSTEM AND METHOD FOR PROTECTING DIGITAL WORKS ON A COMMUNICATION NETWORK	08.08.2000
56226	Technologies	201610354129.1		CN	INTELLIGENT RECIPIENT LIST	25.05.2016
56226	Technologies	2010-7011808	1178190	KR	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	08844391.6	2206326	GB	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	11/931453	8995990	US	INTELLIGENT RECIPIENT LIST	31.10.2007
56226	Technologies	08844391.6	6,02008E+11	DE	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	08844391.6	2206326	NL	INTELLIGENT RECIPIENT LIST	29.10.2008
56226	Technologies	16172780.5		EP	INTELLIGENT RECIPIENT LIST	03.06.2016
56301	Technologies	11/508726	7746882	US	ASSEMBLING RICH MEDIA BASED FORWARD ERROR CORRECTION (FEC) FRAMES	22.08.2006
56301	Technologies	2009-7005696	959293	KR	ASSEMBLING RICH MEDIA BASED FORWARD ERROR CORRECTION (FEC) FRAMES	20.08.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
57210	Technologies	11/946373	8472934	US	TURBO BOOST KEY	28.11.2007
60104	Technologies	11/696130	7711718	US	Multiple meta boxes in ISO base media file format	03.04.2007
60655	Technologies	11/839794	8238693	US	Embedding advertisements/info to multimedia content via time dependent aggregate effects of shooter, target, and viewer contexts	16.08.2007
60689	Technologies	2696717	2696717	CA	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	27.08.2008
60689	Technologies	200880108342.8	2,0088E+11	CN	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	27.08.2008
60689	Technologies	08806963.8		EP	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	27.08.2008
60689	Technologies	11/897679	8554784	US	Metadata streams as a means of discovering the live substreams of dynamic channels in P2P content creation and consumption	31.08.2007
61365	Technologies	11/895611	8850102	US	Sector NOR flash bit manipulation solution	23.08.2007
63880	Technologies	09742196.0	2286622	GB	QoS and power save aware forwarding rules for MP	04.05.2009
63880	Technologies	09742196.0	6,02009E+11	DE	QoS and power save aware forwarding rules for MP	04.05.2009
63880	Technologies	12/151627	8274894	US	QoS and power save aware forwarding rules for MP	07.05.2008
64205	Technologies	200980119840.7	2,0098E+11	CN	Automatic content use assignment by exploiting social graph information	19.05.2009
64205	Technologies	8198/CHENP/2010		IN	Automatic content use assignment by exploiting social graph information	19.05.2009
64205	Technologies	2010-7029666	1195333	KR	Automatic content use assignment by exploiting social graph information	19.05.2009
64205	Technologies	12/129200	8244727	US	Automatic content use assignment by exploiting social graph information	29.05.2008
64693	Technologies	12/164655	8196162	US	Video Advertising MetaData Script	30.06.2008
66169	Technologies	09179436.2		EP	Enhanced zooming funcitonality	16.12.2009
66169	Technologies	12/347011	8839154	US	Enhanced zooming funcitonality	31.12.2008
66231	Technologies	12/313833	8645283	US	Determining Events of Interest	24.11.2008
66312	Technologies	12/316602	8284558	US	An assembly method for a mobile phone	15.12.2008
66312	Technologies	13/421972	9055142	US	An assembly method for a mobile phone	16.03.2012
66669	Technologies	200980156595.7	2,0098E+11	CN	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	09839923.1	6,02009E+11	DE	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	09839923.1	2396481	GB	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	09839923.1	2396481	NL	Packaging method for filling material in loudspeaker box	21.10.2009
66669	Technologies	2013108314		RU	Packaging method for filling material in loudspeaker box	26.02.2013
66669	Technologies	12/378349	8292023	US	Packaging method for filling material in loudspeaker box	13.02.2009
67172	Technologies	PI1012358.0		BR	Memory Instruction buffer in serial DRAM	10.05.2010
67172	Technologies	201080024091.2	2,0108E+11	CN	Memory Instruction buffer in serial DRAM	10.05.2010
67172	Technologies	10783027.5		EP	Memory Instruction buffer in serial DRAM	10.05.2010
67172	Technologies	12/455508	8713248	US	Memory Instruction buffer in serial DRAM	02.06.2009
67548	Technologies	12/677946	9429641	US	Automatic Landmark	09.09.2008
67548	Technologies	08806223.7	6,02008E+11	DE	Automatic Landmark	09.09.2008
69802	Technologies	10815036.8		EP	Music Relaying and Mixing in Social Networks	20.08.2010
69802	Technologies	12/556354	8844051	US	Music Relaying and Mixing in Social Networks	09.09.2009

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69865	Technologies	12/490191	8635317	US	Managing content in PC, device and service	23.06.2009
71135	Technologies	5607/CHENP/2012		IN	Simple, On-Device Positioning using Compressed Fingerprint Archives	30.11.2010
71135	Technologies	12/835611	8660577	US	Simple, On-Device Positioning using Compressed Fingerprint Archives	13.07.2010
71135	Technologies	14/151466	9182472	US	Simple, On-Device Positioning using Compressed Fingerprint Archives	09.01.2014
71291	Technologies	201080056077.0	2,0108E+11	CN	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	6042/CHENP/2012		IN	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	2012-7017943	1401183	KR	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	12/965766	8510375	US	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	1-2012-01790	15861	VN	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71291	Technologies	2012/5088	2012/05088	ZA	Method and Apparatus for Describing and Timing Representations in HTTP Streaming of Fragmented ISO-File Format Based Files	10.12.2010
71662	Technologies	11762111.0		EP	Error Correction Method for Broadcast/Multicast Reception	04.04.2011
71662	Technologies	12/753547	8489948	US	Error Correction Method for Broadcast/Multicast Reception	02.04.2010
71680	Technologies	201080067700.2	2,0108E+11	CN	Adaptation layer for storing and carrying radiomap	27.04.2010
71680	Technologies	10850625.4		EP	Adaptation layer for storing and carrying radiomap	27.04.2010
71680	Technologies	9967/CHENP/2012		IN	Adaptation layer for storing and carrying radiomap	27.04.2010
71680	Technologies	13/642782	9560534	US	Adaptation layer for storing and carrying radiomap	27.04.2010
71834	Technologies	13/581312	8824716	US	Hearing Aid Compatibility (HAC) Enhancement	26.02.2010
72077	Technologies	10852801.9	2580934	FR	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	201080067311.X	201080067311.X	CN	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	2580934	NL	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	13/702435	9013279	US	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	2580934	GB	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	6,0201E+11	DE	Power optimization technique for writable passive memory tags	08.06.2010
72077	Technologies	10852801.9	2580934	ES	Power optimization technique for writable passive memory tags	08.06.2010
72792	Technologies	12/821083	9129333	US	Location Based Gift Giving	22.06.2010
72792	Technologies	14/337964		US	Location Based Gift Giving	22.07.2014
73238	Technologies	112012031266.9		BR	Method for detecting battery removal	11.06.2010
73238	Technologies	201080067352.9	2,0108E+11	CN	Method for detecting battery removal	11.06.2010
73238	Technologies	10852817.5		EP	Method for detecting battery removal	11.06.2010
73238	Technologies	W00201205164		ID	Method for detecting battery removal	11.06.2010
73238	Technologies	77/CHENP/2013		IN	Method for detecting battery removal	11.06.2010
73238	Technologies	2013102450	2526028	RU	Method for detecting battery removal	11.06.2010

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
73238	Technologies	13/703201	9239772	US	Method for detecting battery removal	11.06.2010
73238	Technologies	2013/0205	2013/0205	ZA	Method for detecting battery removal	11.06.2010
73303	Technologies	10/036157	7307636	US	IMAGE FORMAT INCLUDING AFFECTIVE INFORMATION	26.12.2001
73445	Technologies	09/842474	7072984	US	Method and Apparatus for Appliance Communication	25.04.2001
73445	Technologies	10/693292	7747782	US	Method and Apparatus for Appliance Communication	24.10.2003
73445	Technologies	09/843036	7500188	US	Method and Apparatus for Appliance Communication	25.04.2001
73806	Technologies	12/908028	8462734	US	Wireless docking environment optimization method using NFC initiated connectivity	20.10.2010
73806	Technologies	201110321843.8	2,0111E+11	CN	Wireless docking environment optimization method using NFC initiated connectivity	20.10.2011
74185	Technologies	12/940677	8599014	US	Monitoring reminders	05.11.2010
74316	Technologies	13/046016	8749349	US	Intelligent UI sound control based on device's internal UI context	11.03.2011
74418	Technologies	13/307924	8848721	US	Triggering logic for queries in ad-hoc mesh network	30.11.2011
74418	Technologies	14/466592	9485673	US	Triggering logic for queries in ad-hoc mesh network	22.08.2014
74418	Technologies	11844793.7	6,02011E+11	DE	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	ES	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	FR	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	GB	Triggering logic for queries in ad-hoc mesh network	08.11.2011
74418	Technologies	11844793.7	2646935	NL	Triggering logic for queries in ad-hoc mesh network	08.11.2011
75186	Technologies	AP/P/2013/007248	AP3764	AP	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2011369809	2011369809	AU	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	112013030366.2		BR	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2834737	2834737	CA	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	03398/2013		CL	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	201180071210.4		CN	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	11866720.3		EP	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	W00201305737		ID	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	229624		IL	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	10108/CHENP/2013		IN	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013-7034514	1630505	KR	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013/1685.1	31397	KZ	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	MX/a/13/013784	340010	MX	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	PI2013004184		MY	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	NG/C/2013/081	NG/C/2013/081	NG	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	1-2013-502426	1-2013-502426	PH	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013152336	2574817	RU	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	201308416.5	194944	SG	Connectivity settings sharing via social links	27.05.2011

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
75186	Technologies	A/201313241	112438	UA	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	14/122728	9288744	US	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	1-2013-03862		VN	Connectivity settings sharing via social links	27.05.2011
75186	Technologies	2013/09603	2013/09603	ZA	Connectivity settings sharing via social links	27.05.2011
75874	Technologies	201280023563.1		CN	ANDSF information in split UE scenarios	08.05.2012
75874	Technologies	12785693.8		EP	ANDSF information in split UE scenarios	08.05.2012
75874	Technologies	14/117133		US	ANDSF information in split UE scenarios	08.05.2012
76302	Technologies	12831197.4		EP	Automaticly Maintaining a Geopositioning System	23.08.2012
76302	Technologies	13/233905	8977207	US	Automaticly Maintaining a Geopositioning System	15.09.2011
76302	Technologies	14/640885	9479904	US	Automaticly Maintaining a Geopositioning System	06.03.2015
76526	Technologies	13/328238	8990370	US	System and Methods for Collecting and Verifying Places-of-Interest Knowledge through a Crowdsourcing Game	16.12.2011
76526	Technologies	5236/CHE/2012		IN	System and Methods for Collecting and Verifying Places-of-Interest Knowledge through a Crowdsourcing Game	15.12.2012
76526	Technologies	14/622280	9330396	US	System and Methods for Collecting and Verifying Places-of-Interest Knowledge through a Crowdsourcing Game	13.02.2015
76580	Technologies	11875005.8		EP	Dynamic Visual Navigation Ranging	02.11.2011
76580	Technologies	14/355161	9335180	US	Dynamic Visual Navigation Ranging	02.11.2011
76704	Technologies	14/384087	9319065	US	Embedded RLE for positioning data	15.03.2012
76990	Technologies	101151203	I586192	TW	Smart Internet Access Point control	28.12.2012
76990	Technologies	14/366195		US	Smart Internet Access Point control	02.01.2012
77038	Technologies	13/298709	9024576	US	Multi-purpose coil for wireless charging, NFC and HAC	17.11.2011
78423	Technologies	201380024439.1		CN	Robust BIF interrupt handling against contact breaks	14.02.2013
78423	Technologies	13760302.3		EP	Robust BIF interrupt handling against contact breaks	14.02.2013
78423	Technologies	13/418414	9015393	US	Robust BIF interrupt handling against contact breaks	13.03.2012
78646	Technologies	14/423350	9699581	US	Detection of a microphone that does not provide valid data	10.09.2012
78646	Technologies	12884130.1		EP	Detection of a microphone that does not provide valid data	10.09.2012
78646	Technologies	15/613844		US	Detection of a microphone that does not provide valid data	05.06.2017
78783	Technologies	201310181837.6	2,0131E+11	CN	Controlling access to network resources based on both the detected proximity and social relationship	16.05.2013
78783	Technologies	13164831.3		EP	Controlling access to network resources based on both the detected proximity and social relationship	23.04.2013
78783	Technologies	2013-0055660	1481265	KR	Controlling access to network resources based on both the detected proximity and social relationship	16.05.2013
78783	Technologies	13/472638	8818276	US	Controlling access to network resources based on both the detected proximity and social relationship	16.05.2012
78998	Technologies	13/542093	9170804	US	Improved binary update of compressed file via decompression and delta encoding of decompressed parts	05.07.2012
78998	Technologies	14/881510	9594764	US	Improved binary update of compressed file via decompression and delta encoding of decompressed parts	13.10.2015
79654	Technologies	12883682.2		EP	A method for mobile device to inform and detect cellular unavailability	31.08.2012
79654	Technologies	14/422820	9544713	US	A method for mobile device to inform and detect cellular unavailability	31.08.2012
79654	Technologies	201280076354.3		CN	A method for mobile device to inform and detect cellular unavailability	31.08.2012
79896	Technologies	14/436036	9445222	US	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
79896	Technologies	12887428.6	2915363	ES	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	201280076698.4		CN	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	6,02012E+11	DE	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	2915363	FR	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	2915363	GB	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79896	Technologies	12887428.6	2915363	NL	Bluetooth Low Energy Broadcast Timing Adjusting Method	30.10.2012
79944	Technologies	13870874.8		EP	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	14/650717		US	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	2015-552145		JP	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	201380070052.X	201380070052.X	CN	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	112015016301.7		BR	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	2015-7021381		KR	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	4755/CHENP/2015		IN	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
79944	Technologies	2015130846	2619263	RU	Local Assistance Data Server for Ephemeris Extension and Positioning Services	10.01.2013
80518	Technologies	201280078148.6		CN	Adding voice services in Bluetooth Low Energy technology	19.11.2012
80518	Technologies	14/443563		US	Adding voice services in Bluetooth Low Energy technology	19.11.2012
80518	Technologies	12888603.3		EP	Adding voice services in Bluetooth Low Energy technology	19.11.2012
81454	Technologies	14/779442		US	Locally Unique BSSID for WLAN Offline Radiomaps	26.03.2013
81454	Technologies	13722837.5		EP	Locally Unique BSSID for WLAN Offline Radiomaps	26.03.2013
200107462	Networks	09/781,927	6950650	US	System and Method for Call Forwarding Synchronization in a Communication System	12.02.2001
199702239	Networks	19737354.2	19737354	DE	DRAHTLOSES VIDEO-KOMMUNIKATIONSENDGERAET.	27.08.1997
200298034	Networks	10/141128	7031708	US	A SYSTEM AND METHOD FOR CONNECTING MULTICAST OR BROADCAST C ONTROL INFORMATION TO MOBILE STATIONS	09.05.2002
199998164	Networks	09/476674	7010500	US	ON-LINE SUBSCRIPTION SYSTEM AND METHOD	30.05.2003
199898070	Networks	99956053.5	1129583	NL	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	09/850036	7120418	US	Message communication charging	10.11.1999
199898070	Networks	99956053.5	699 30 287.0	DE	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	99956053.5	1129583	FI	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	99956053.5	1129583	FR	MESSAGE COMMUNICATION CHARGING	10.11.1999
199898070	Networks	99956053.5	1129583	GB	MESSAGE COMMUNICATION CHARGING	10.11.1999
200701617	Networks	07016688.9	2028901	EP	Method and apparatus for temporarily suspending a network connection	24.08.2007
199704819	Networks	09/123,288	6311045	US	RADIO TRANSCEIVER SYSTEM	28.07.1998
200001979	Networks	09/867,295	6804343	US	Verfahren zur Ziel-Steuerung in einem intelligenten Netz	29.05.2001
199798076	Networks	09/136127	6230214	US	Portable electronic devices	18.08.1998
199602294	Networks	08/933,532	6052437	US	TEILNEHMERANSCHLUSSSCHALTUNG FUER DEN ANSCHLUSS EINER ANALOGEN TEILNEHMERLEITUNG AN EINE DIGITALE ZEITMULTIPLEX-FERNSPRECHVERMITTLUNGSSTELLE	18.09.1997
200398163	Networks	10/461,660	7248895	US	MOBILE TERMINAL SETTINGS	12.06.2003
199898076	Networks	09/028241	6538992	US	ADAPTIVE SCHEDULING METHOD AND APPARATUS TO SERVICE MULTILEV EL Q0S IN AAL2	24.02.1998
199898076	Networks	99909543.3	69927808,2	DE	ADAPTIVE SCHEDULING METHOD AND APPARATUS TO SERVICE MULTILEV EL Q0S IN AAL2	22.02.1999
199898076	Networks	99909543.3	1078550	GB	ADAPTIVE SCHEDULING METHOD AND APPARATUS TO SERVICE MULTILEV EL Q0S IN AAL2	22.02.1999
199898077	Networks	09/170378	6490275	US	METHOD AND APPARATUS FOR IMPROVING CALL SETUP EFFICIENCY IN MULTIMEDIA COMMUNICATIONS SYSTEMS	13.10.1998
199501841	Networks	09/029,688	7072674	US	VERFAHREN ZUM AUSSENDEN EINER FUNKRUFNACHRICHT ZU FUNKTEILNEHMER- STATIONEN VON MOBILFUNKTEILNEHMERN	21.08.1996
200398028	Networks	10/662,122	7864868	US	Method for detecting an Octet Slip	15.09.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199905118	Networks	10/111,503	6693588	US	Verfahren zum Kalibrieren einer elektronisch phasengesteuerten Gruppenantenne in Funk-Kommunikationssystemen	24.10.2000
199905118	Networks	00983055.5	1234355	IT	Verfahren zum Kalibrieren einer elektronisch phasengesteuerten Gruppenantenne in Funk-Kommunikationssystemen	24.10.2000
200801853	Networks	10/386,044	7545735	US	SCALABLE PROTECTION MECHANISM FOR HIERARCHICAL MULTICAST SERVICE IN RING BASED NETWORKS	11.03.2003
200298004	Networks	10/501,581	7212818	US	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200298004	Networks	02722028.4	60204803,6	DE	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200298004	Networks	02722028.4	1468582	FR	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200298004	Networks	02722028.4	1468582	GB	METHOD, DEVICE AND SYSTEM FOR ADJUSTING MOBILITY MANAGEMENT	22.01.2002
200801926	Networks	10/190,236	7197008	US	End-to-end notification of local protection using OAM protocol	05.07.2002
200301409	Networks	03007045.2	60307733,1	DE	Tuneless rectangular dielectric waveguide filter	27.03.2003
200301409	Networks	03007045.2	1376746	FR	Tuneless rectangular dielectric waveguide filter	27.03.2003
200301409	Networks	03007045.2	1376746	GB	Tuneless rectangular dielectric waveguide filter	27.03.2003
200301409	Networks	03007045.2	1376746	IT	Tuneless rectangular dielectric waveguide filter	27.03.2003
200298048	Networks	10/180,204	7293060	US	Electronic Disc Jockey Service	27.06.2002
200801880	Networks	10/459,217	7613212	US	CENTRALIZED CLOCK SYNCHRONIZATION FOR TIME DIVISION MULTIPLEXED TRAFFIC TRANSPORTED OVER ETHERNET NETWORKS	10.06.2003
199998162	Networks	09/410978	6954735	US	Method and System of Shopping With a Mobile Device to Purcha se Goods and/or Services	01.10.1999
200214149	Networks	10/668,603	6937493	US	Programmierung eines Speicherbausteins über ein Boundary Scan-Register	24.09.2003
199701958	Networks	09/462,184	6598158	US	Rechnersystem	21.07.1998
200398035	Networks	10/690,832	7539207	US	Method and base station for controlling link adaptation and packet scheduling in high speed downlink packet access (HSDPA) radio system	23.10.2003
199998030	Networks	10/009443	7408942	US	An element for a communications system	02.06.2000
199801057	Networks	2318082	2318082	CA	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON PROZESSEN AUF EINEM COMPUTERSYSTEM	04.11.1998
199801057	Networks	98963317.7	1047990	GB	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON PROZESSEN AUF EINEM COMPUTERSYSTEM	04.11.1998
199801057	Networks	98963317.7	59801723,2	DE	VORRICHTUNG UND VERFAHREN ZUR STEUERUNG VON PROZESSEN AUF EINEM COMPUTERSYSTEM	04.11.1998
199801439	Networks	99911616.3	59900635,8	DE	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
199801439	Networks	99911616.3	1066734	GB	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
199801439	Networks	99804489.X	139641	CN	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
199801439	Networks	12-538535	3472264	JP	VERFAHREN ZUM WEITERLEITEN DIGITALER, IN EINEM TDMA-SYSTEM ERZEUGTEN INFORMATION UEBER EINE ATM-UEBERTRAGUNGSSTRECKE	23.02.1999
200298064	Networks	02411/CHENP/2004	220915	IN	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	10/507,907	7778979	US	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298073	Networks	10/231191	7130614	US	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	30.08.2002
200298073	Networks	03791102.1	60310417,7	DE	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	28.08.2003
200298073	Networks	03791102.1	1535488	GB	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	28.08.2003
200298073	Networks	03791102.1	1535488	SE	MOBILE UNIT ATTACHMENT/UPDATE TO A CELLULAR COMMUNICATION NE TWORK	28.08.2003
199905111	Networks	10/111,718	7171395	US	Verfahren zum Betreiben eines Zweitrechners, Vermittlungseinrichtungen fuer den ausfallsicheren Betrieb und zugehoeriges Programm	27.10.2000
199898074	Networks	09/212608	6556820	US	MOBILITY MANAGEMENT FOR TERMINALS WITH MULTIPLE SUBSCRIPTION S	16.12.1998
199698010	Networks	09/875414	6895051	US	Video data encoder and decoder	06.06.2001
200301426	Networks	02425565.5	60209208,6	DE	Uplink power adjustment for a point-to-multipoint wireless communication system	20.09.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200115401	Networks	01823869.6	1293733	CN	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlichen Anforderungen an die Qualität eines Übertragungsdienstes in einem paketvermittelnden Datenkommunikationsnetz	10.12.2001
200115401	Networks	01995603.6	50115595,3	DE	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	ES	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	FR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	GB	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	IT	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	2004-7008922	632529	KR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlichen Anforderungen an die Qualität eines Übertragungsdienstes in einem paketvermittelnden Datenkommunikationsnetz	10.12.2001
200115401	Networks	PI0117193-3	PI0117193-3	BR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlichen Anforderungen an die Qualität eines Übertragungsdienstes in einem paketvermittelnden Datenkommunikationsnetz	10.12.2001
200115401	Networks	01995603.6	TR201009313T4	TR	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200115401	Networks	01995603.6	1451980	PT	Verfahren zur Übertragung von Daten von Applikationen mit unterschiedlicher Qualität	10.12.2001
200311302	Networks	200410055664.4	590966	CN	Common radio resource management method in a multi-rat cellular telephone network	02.08.2004
200311302	Networks	03425514.1	60319975,5	DE	Common radio resource management method in a multi-rat cellular telephone network	31.07.2003
200311302	Networks	03425514.1	1503606	GB	Common radio resource management method in a multi-rat cellular telephone network	31.07.2003
200311302	Networks	03425514.1	1503606	FR	Common radio resource management method in a multi-rat cellular telephone network	31.07.2003
200311302	Networks	10/884,924	7224977	US	Common radio resource management method in a multi-rat cellular telephone network	07.07.2004
200219852	Networks	10305091.4	10305091	DE	Verfahren zur Positionsbestimmung eines Teilnehmers in einem Funkkommunikationssystem	07.02.2003
200219852	Networks	10/773,364	7020473	US	Verfahren zur Positionsbestimmung eines Teilnehmers in einem Funkkommunikationssystem	09.02.2004
199701941	Networks	09/120,792	6269478	US	Ueberwachungsverfahren zur Erkennung von Endlos-schleifen und blockierten Prozessen in einem Rechnersystem	22.07.1998
199798074	Networks	09/099487	6131040	US	Langaton viestin	17.06.1998
199798084	Networks	98937585.2	1013125	GB	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
199798084	Networks	98809278.6	ZL98809278.6	CN	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
199798084	Networks	98937585.2	1013125	FR	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
199798084	Networks	98937585.2	1013125	NL	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
199798084	Networks	98937585.2	69833765,4	DE	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
199798084	Networks	2000-506788	4149656	JP	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
199798084	Networks	09/485495	6628937	US	VOICE MAIL SERVICE OF A CLOSED USER GROUP IN A MOBILE COMMUN ICATION SYSTEM	07.08.1998
200801181	Networks	12/252,166	8045926	US	MULTI-TRANSCEIVER ARCHITECTURE FOR ADVANCED Tx ANTENNA MONITORING AND CALIBRATION IN MIMO AND SMART ANTENNA COMMUNICATION SYSTEMS	15.10.2008
200002011	Networks	10026741.6	10026741	DE	Verfahren und Einrichtung zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2000
200002011	Networks	01949218.0	1285553	FR	Verfahren zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2001
200002011	Networks	01949218.0	1285553	GB	Verfahren zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2001
200002011	Networks	01949218.0	1285553	IT	Verfahren zur Kanalzuteilung in einem Funk-Kommunikationssystem	30.05.2001
200202329	Networks	10/159,207	6819745	US	Method And Apparatus For Testing A POTS Circuit And DSL Circuit Through A Splitter	30.05.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200198144	Networks	10/154592	7450951	US	METHOD AND ARRANGEMENT FOR LOCATING A MOBILE STATION IN A PACKET-SWITCHED NETWORK AND A MOBILE STATION UTILIZING SAID METHOD	23.05.2002
200698011	Networks	11/698,126	7831273	US	POWER EFFICIENT WIRELESS TRANSMISSION	26.01.2007
199701984	Networks	09/123,219	6279120	US	Verfahren zur Speicherung von Rechner-Zustandsdaten bei einem Stoerfall, der ein anschliessendes Wieder-Hochfahren des Rechners erfordert	27.07.1998
200202335	Networks	10/159,209	6986146	US	Method And Apparatus For Providing A State Machine Operating On A Real-time Operating System	30.05.2002
200398122	Networks	10/621257	7263067	US	METHOD AND APPARATUS FOR ACCELERATING THROUGHPUT IN A WIRELESS OR OTHER TELECOMMUNICATION SYSTEM	15.07.2003
200198059	Networks	09/815738	6748223	US	Apparatus, and associated method, for providing a digital im age generated at a mobile station to an assistance center	23.03.2001
200601763	Networks	200710109744.7	1043711	CN	METHOD TO IMPROVE THE CHANNEL ESTIMATE IN BROADBAND SIMO/MIMO CELLULAR RADIO NETWORKS DURING ABRUPT INTERFERENCE VARIATIONS	16.02.2007
200601763	Networks	12/224,096	7756007	US	METHOD TO IMPROVE THE CHANNEL ESTIMATE IN BROADBAND SIMO/MIMO CELLULAR RADIO NETWORKS DURING ABRUPT INTERFERENCE VARIATIONS	13.02.2007
200198150	Networks	02700496.9	1356692	FR	METHOD AND SYSTEM FOR INTER-OPERATOR HANDOVER BETWEEN WCDMA AND GSM	25.01.2002
199602588	Networks	P970105760	AR008708B1	AR	Basisstation fuer ein Funk-Kommunikationssystem	09.12.1997
199602588	Networks	09/319,412	6360106	US	Basisstation fuer ein Funk-Kommunikationssystem	20.11.1997
199706538	Networks	10-544666	3330618	JP	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	2257035	2257035	CA	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	21.12.1998
199706538	Networks	98923992.6	2209144	ES	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	98923992.6	972423	GB	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	98805437.X	133834	CN	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	76369/98	733507	AU	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	98923992.6	972423	FR	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	59809720.1	59809720,1	DE	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
199706538	Networks	09/158,061	6331981	US	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	22.09.1998
199706538	Networks	9904553-6	68106	SG	Verfahren und Netzkomponente eines Kommunikationsnetzes zur Vermittlung von niederbitratigen Verbindungen zwischen Eingangsbaugruppen und Ausgangsbaugruppen	11.03.1998
200198150	Networks	02700496.9	1356692	GB	METHOD AND SYSTEM FOR INTER-OPERATOR HANDOVER BETWEEN WCDMA AND GSM	25.01.2002
199798081	Networks	08/980942	6163711	US	Method and apparatus for interfacing a mobile phone with a c ar phone	01.12.1997
200198150	Networks	09/776234	6836471	US	METHOD AND SYSTEM FOR INTER-OPERATOR HANDOVER WCDMA AND GSM	02.02.2001
200512932	Networks	10/039,292	7444665	US	Interactive Television System	03.01.2002
200106870	Networks	10/738,536	7168011	US	Error-Tolerant Connection Test	22.05.2002
200398174	Networks	10/744240	7149503	US	SYSTEM AND METHOD FOR ASSOCIATING POSTMARK INFORMATION WITH DIGITAL CONTENT	23.12.2003
199998058	Networks	10/000242	6909895	US	SGSN semi anchoring during the inter SGSN SRNC relocation pr ocedure	30.04.1999
199802403	Networks	09/786,063	7286567	US	Telekommunikationssystem sowie Verfahren zum Synchronisieren desselben und zum Senden von Daten	26.08.1999
199998002	Networks	11/316,955	7466744	US	PARALLEL INTERFERENCE CANCELLATION ARCHITECTURE FOR A MULTIU SER CDMA RECEIVER	27.12.2005
199798070	Networks	09/015574	6185417	US	System for saving and reading text messages	30.01.1998
200300641	Networks	04702693.5	1586206	GB	Verfahren zur Synchronisation in heterogenen Netzen	16.01.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
199798090	Networks	09/485268	6587693	US	E-MAIL TRAFFIC IN A MOBILE COMMUNICATIONS SYSTEM	31.08.1998
200512937	Networks	09/945,350	7363643	US	Real-Time Audience Monitoring Content Rating and Content Enhancing	31.08.2001
200512937	Networks	11/894,416	8006259	US	Real-Time Audience Monitoring Content Rating and Content Enhancing	31.08.2001
200183138	Networks	02732577.8	1384344	GB	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200183138	Networks	PI0209278-6	PI0209278-6	BR	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200183138	Networks	10/680,122	7289574	US	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.10.2003
200801927	Networks	10/201,852	7093027	US	Fast connection protection in a virtual local area network based stack environment	23.07.2002
200183138	Networks	02732577.8	3055021	GR	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
200183138	Networks	02732577.8	1384344	PT	Method of link adaptation in enhanced cellular systems to discriminate between high and low variability	08.04.2002
199902033	Networks	09/594,909	6442257	US	Anordnung zur Gebührenerhebung in einem Telefonnetz und Verfahrenzum Betrieb einer solchen	15.06.2000
200001784	Networks	01936024.7	50115558,9	DE	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	ES	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	FR	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	GB	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	01936024.7	1279300	IT	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200001784	Networks	10/221,490	7218726	US	Koordinierte netzwerkweite Administration von Vermittlungsstellen	02.05.2001
200198007	Networks	10/028344	7180915	US	APPARATUS, AND AN ASSOCIATED METHOD, FOR FACILITATING SYNCHR ONIZATION IN A WIRELESS MESH NETWORK	21.12.2001
199901185	Networks	00101963.7	50008793,8	DE	Vorrichtung und Verfahren zur Vergebührung von Diensten in einem intelligenten Netzwerk	01.02.2000
199901185	Networks	00101963.7	1035723	GB	Vorrichtung und Verfahren zur Vergebührung von Diensten in einem intelligenten Netzwerk	01.02.2000
200208725	Networks	10/219,776	7113794	US	WLAN DEVICE POSITIONING	15.08.2002
199701068	Networks	09/014,113	6198923	US	VERFAHREN ZUR UEBERTRAGUNG VON INFORMATIONEN ZWISCHEN MOBILSTATIONEN UND EINEM KOMMUNIKATIONSNETZ	27.01.1998
200109403	Networks	10/152,799	6 795 018	US	Beamforming methods for smart circular antenna arrays	23.05.2002
200109403	Networks	02076880.0	60206842,8	DE	Improvements in or relating to smart antenna arrays	13.05.2002
200305691	Networks	03425240.3	60324766	DE	Microwave duplexer comprising dielectric filters, a T-junction, two coaxial ports and one waveguide port	18.04.2003
200305691	Networks	03425240.3	1469548	GB	Microwave duplexer comprising dielectric filters, a T-junction, two coaxial ports and one waveguide port	18.04.2003
200305691	Networks	03425240.3	1469548	IT	Microwave duplexer comprising dielectric filters, a T-junction, two coaxial ports and one waveguide port	18.04.2003
200105700	Networks	02735014.9	50212228,5	DE	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	E394886	AT	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	2442535	2442535	CA	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02807760.1	608858	CN	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	ES	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	FR	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	GB	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	IT	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	02735014.9	1374626	SE	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002
200105700	Networks	10/473,257	7577430	US	Verfahren zur Zuordnung eines mobilen Kommunikationsendgerätes zu einem Corenetzwerkknoten	21.03.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200598025	Networks	11/201,123	7640036	US	METHOD FOR PERFORMING INTER-SYSTEM HANDOVERS IN A MO-BILE CO MMUNICATION SYSTEM	11.08.2005
199902135	Networks	00945585.8	50013519,3	DE	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	GB	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	ES	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	FR	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
199902135	Networks	00945585.8	1121790	IT	Verfahren und Telekommunikationsendgeraet zur automatisierten Datenkomprimierung in Funkkommunikationssystemen	30.05.2000
200001400	Networks	01805778.0	339482	CN	Schaltungsanordnung zum Ersatzschalten von Ueber-tragungseinrichtungen in MPLS-Pakete führende Ringarchitekturen	12.01.2001
200801928	Networks	10/218,284	7289538	US	Clock reconstruction for time division multiplexed traffic transported over asynchronous ethernet networks	14.08.2002
199701388	Networks	98912204.9	E220279	AT	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	59804669	DE	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	2180153	ES	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	FR	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	GB	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	IE	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98912204.9	972411	IT	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	98803720.3	110207	CN	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	10-544660	3457009	JP	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	7008708/99	343875	KR	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
199701388	Networks	09/381,764	6622027	US	VERFAHREN ZUM AUFBAU EINER KOMMUNIKATIONSVERBINDUNG	12.02.1998
200198165	Networks	10/156885	7209459	US	TRANSMITTING CONTROL MESSAGES ON CONTROL CHANNELS OF PACKET DATA NETWORK	28.05.2002
200298008	Networks	10/098335	7058409	US	PERSONAL SAFETY NET	18.03.2002
200098118	Networks	09/699863	7801958	US	CONTENT CONVERTER PORTAL	30.10.2000
200398006	Networks	10/360216	7012185	US	Method and Apparatus for Combining Processing Power of Midi-Enabled Mobile Stations to Increase Polyphony	07.02.2003
199798083	Networks	08/982957	6233450	US	Method and apparatus for employing extension number dialing and calling number identification for a radiotelephone oper ating within a public or autonomous syst.	14.11.2000
199798096	Networks	08/932305	6175565	US	Serial telephone adapter	17.09.1997
199898003	Networks	09/263402	7031663	US	A system for performing environmental measurements and for t ransferring measurement results	05.03.1999
200008061	Networks	10/296,546	7096041	US	Strahlformungsverfahren	17.05.2001
200101681	Networks	02001786.9	50200582,3	DE	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
200101681	Networks	02001786.9	1229670	GB	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
200101681	Networks	02001786.9	1229670	IT	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
200101681	Networks	02001786.9	1229670	FR	Verfahren und Kommunikationsanordnung zum drahtlosen Übermitteln von Informationen	25.01.2002
199301432	Networks	08/272,590	6158006	US	VERFAHREN ZUR KOORDINATION VON PARALLELEN ZUGRIFFEN MEHRERER PROZESSOREN AUF RESOURCENKONFIGURATIONEN	11.07.1994
199798075	Networks	09/070956	6167283	US	Cell selection based on user profile in cellular radio syste m	01.05.1998

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200309911	Networks	200480022176.1	896189	CN	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS IN A RADIO COMMUNICATIONS SYSTEM	21.06.2004
200309911	Networks	04741851.2	60 2004 029 896.4	DE	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200309911	Networks	04741851.2	1649614	FR	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200309911	Networks	04741851.2	1649614	GB	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
200309911	Networks	2006-7001260	1109630	KR	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS IN A RADIO COMMUNICATIONS SYSTEM	21.06.2004
200309911	Networks	2006106199	2364029	RU	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS IN A RADIO COMMUNICATIONS SYSTEM	21.06.2004
200309911	Networks	A200600514	84705	UA	ARRANGEMENT AND METHOD FOR CONTROLLING TRANSMISSION AND/OR RECEPTION OF SIGNALS (VARIANTS), BASE STATION	21.06.2004
200309911	Networks	10/566,357	7423586	US	ANTENNAS ARRAY CALIBRATION ARRANGEMENT AND METHOD	21.06.2004
199902791	Networks	00965837.8	50016149	DE	Verfahren zur Realisierung eines Rueckruf-Dienstes in einem Mobilfunknetz	06.09.2000
199902791	Networks	09/831,440	6876860	US	Verfahren zur Realisierung eines Rueckruf-Dienstes in einem Mobilfunknetz	06.09.2000
199902791	Networks	13-522792	4608164	JP	Verfahren zur Realisierung eines Rueckruf-Dienstes in einem Mobilfunknetz	06.09.2000
200303716	Networks	04787266.8	1668940	PL	Rekonfigurierbares Funksystem mit Fehlerfallerkennung und -behandlung	30.09.2004
200303716	Networks	04787266.8	1668940	PT	Rekonfigurierbares Funksystem mit Fehlerfallerkennung und -behandlung	30.09.2004
200412652	Networks	10 2004 054 370.4	10 2004 054 370	DE	Anordnung zum Anschalten von zumindest einer Sendeeinheit an eine Sende-Empfangsantenne	10.11.2004
200412652	Networks	200580046168.5	719544	CN	Anordnung zum Anschalten von zumindest einer Sendeeinheit an eine Sende-Empfangsantenne	13.10.2005
200298047	Networks	10/079373	6996104	US	Rate Allocation and Control for Multicast Services in Wirele ss Networks	20.02.2002
200198126	Networks	09/932464	7089298	US	NAMING DISTRIBUTION METHOD FOR AD HOC NETWORKS	20.08.2001
200703435	Networks	12/231,792	8693439	US	REDUCED PING PONG OCCURRENCE DURING HANDOVER	03.09.2008
200306170	Networks	10/555,535	7593363	US	Verfahren zur Datenübertragung	21.04.2004
200213127	Networks	03793696.0	50308702,5	DE	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200213127	Networks	03793696.0	1530855	ES	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200213127	Networks	160/DELNP/2005		IN	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200213127	Networks	03793696.0	1530855	NL	Verfahren zur Vergabe von Funkressourcen in einem selbstorganisierenden Funkkommunikationssystem	06.08.2003
200801970	Networks	12/499,621	8432870	US	HANDOVER TECHNIQUES BETWEEN LEGACY AND UPDATED WIRELESS NETWORKS	08.07.2009
200701617	Networks	12/674,835	8605680	US	Method and apparatus for temporarily suspending a network connection	06.08.2008
200802948	Networks	12/652,937	8423037	US	SINGLE USER MULTIPLE INPUT MULTIPLE OUTPUT USER EQUIPMENT	06.01.2010
200298064	Networks	02713116.8	60235503,6	DE	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	FI	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	FR	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	GB	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	IE	Method and Apparatus for Compressing Log Record Information	26.03.2002
200298064	Networks	02713116.8	1490769	NL	Method and Apparatus for Compressing Log Record Information	26.03.2002
200505049	Networks	05425181.4	1708381	FR	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200505049	Networks	05425181.4	1708381	GB	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200505049	Networks	05425181.4	1708381	IT	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200505049	Networks	05425181.4	60 2005 021 613.8	DE	Cross-polarization transmission system with asynchronous receivers	31.03.2005
200703601	Networks	3327/DELNP/2010		IN	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703601	Networks	12/740,065	8750160	US	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703601	Networks	07852987.2	2206369	WE	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
200801150	Networks	12/867,779	8560408	US	MECHANISM FOR CONTROLING CHARGING IN CASE OF CHARGING CLIENT RELOCATION	24.04.2008
200802639	Networks	13/124,321	8737326	US	ALLOCATING RESOURCE UNITS TO A MOBILE STATION	22.09.2009
200701617	Networks	07016688.9	60 2007 044 758.5	DE	Method and apparatus for temporarily suspending a network connection	24.08.2007
200701617	Networks	07016688.9	2028901	GB	Method and apparatus for temporarily suspending a network connection	24.08.2007
200703601	Networks	07852987.2	60 2007 048 408.1	DE	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
200703601	Networks	07852987.2	2206369	GB	A METHOD FOR NEIGHBOR SET SELECTION FOR HANDOVER IN A HOME ACCESS ENVIRONMENT	29.10.2007
120045	ALU	09/087708	US6246725	US	Reduction of power consumption in ADSL modem.	01.06.1998
120045	ALU	124552	IL124552	IL	Reduction of power consumption in ADSL modem.	19.05.1998
120119	ALU	97402201.4	EP0903897	GB	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	ES	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	IT	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	DE	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	FR	Multicarrier transmission system	22.09.1997
120119	ALU	97402201.4	EP0903897	BE	Multicarrier transmission system	22.09.1997
120015	ALU	08/965136	US5903612	US	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	06.11.1997
120015	ALU	305853/97	JP3429169	JP	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	07.11.1997
120015	ALU	122048	IL122048	IL	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	28.10.1997
120015	ALU	43639/97	AU734451	AU	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	30.10.1997
123166	ALU	09/007865	US6351473	US	RFI REDUCTION IN DMT SYSTEMS.	15.01.1998
120185	ALU	09/340675	US6337981	US	VISITED OPERATOR ENVIRONMENT.	29.06.1999
120185	ALU	98401676.6	EP0969645	GB	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	172924/99	JP4246854	JP	VISITED OPERATOR ENVIRONMENT.	18.06.1999
120185	ALU	98401676.6	EP0969645	IT	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	98401676.6	EP0969645	DE	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	98401676.6	EP0969645	FR	VISITED OPERATOR ENVIRONMENT.	03.07.1998
120185	ALU	99110138.3	ZL99110138.3	CN	VISITED OPERATOR ENVIRONMENT.	02.07.1999
111002	ALU	09/334606	US6338070	US	Persistency Data Base	17.06.1999
94936	ALU	09/113719	US6240129	US	Single frequency or banded noise imm...	10.07.1998
120119	ALU	09/158596	US6628738	US	Multicarrier transmission system	22.09.1998
120119	ALU	265181/98	JP4188466	JP	Multicarrier transmission system	18.09.1998
120119	ALU	125333	IL125333	IL	Multicarrier transmission system	13.07.1998
120119	ALU	84187/98	AU743588	AU	Multicarrier transmission system	11.09.1998
131075	ALU	464392	US6731643	US	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	16.12.1999
131075	ALU	99440358.2	EP1018824	GB	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
131075	ALU	99440358.2	EP1018824	IT	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
131075	ALU	99440358.2	EP1018824	DE	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
131075	ALU	99440358.2	EP1018824	FR	HIERARCHICAL SEARCH ALGORITHM FOR SUBSETS OF USER ADDRESSES IN A VIRTUAL PRIVATE NETWORK	20.12.1999
120438	ALU	99403045.0	EP1107550	GB	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	2000357074	JP5285827	JP	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	24.11.2000
120438	ALU	99403045.0	EP1107550	IT	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	99403045.0	EP1107550	FR	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	99403045.0	EP1107550	DE	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.1999
120438	ALU	00134832.9	ZL00134832.9	CN	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	06.12.2000
120178	ALU	09/799129	US6952441	US	CHANNEL ESTIMATION.	06.03.2001
120178	ALU	00400620.1	EP1134945	GB	CHANNEL ESTIMATION.	07.03.2000
120178	ALU	00400620.1	EP1134945	DE	CHANNEL ESTIMATION.	07.03.2000
120178	ALU	00400620.1	EP1134945	FR	CHANNEL ESTIMATION.	07.03.2000
131142	ALU	MI2000A001163	IT1319278	IT	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	26.05.2000
131142	ALU	863468	US7035203	US	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	24.05.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
111766	ALU	01440118.6	EP1154657	GB	Service Number Portability	23.04.2001
131142	ALU	2001147588	JP4420583	JP	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	17.05.2001
111766	ALU	01440118.6	EP1154657	ES	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	NL	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	IT	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	DE	Service Number Portability	23.04.2001
111766	ALU	01440118.6	EP1154657	FR	Service Number Portability	23.04.2001
111766	ALU	09/852703	US6744871	US	Service Number Portability	11.05.2001
120377	ALU	09/615759	US6823390	US	PROTOCOL PROFILING AND NEGOTIATION	13.07.2000
120377	ALU	200112724	JP4703859	JP	PROTOCOL PROFILING AND NEGOTIATION	22.01.2001
134896	ALU	09/592442	US7032022	US	Network Policy Logs and Statistics Aggregation	12.06.2000
111957	ALU	10/021354	US6584243	US	WDM Add/Drop multiplexer	19.12.2001
111957	ALU	01130530.7	EP1220564	GB	WDM Add/Drop multiplexer	21.12.2001
111957	ALU	01130530.7	EP1220564	IT	WDM Add/Drop multiplexer	21.12.2001
111957	ALU	01130530.7	EP1220564	DE	WDM Add/Drop multiplexer	21.12.2001
111957	ALU	01130530.7	EP1220564	FR	WDM Add/Drop multiplexer	21.12.2001
137196	ALU	09/274720	US6600744	US	Packet classification engine	23.03.1999
137229	ALU	09/500582	US6724881	US	PNNI admin weight	09.02.2000
137200	ALU	09/663793	US6876625	US	Hot redundancy in Link/Topology State Routing Protocols	18.09.2000
131168	ALU	10/090749	US7035362	US	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	06.03.2002
131168	ALU	02290390.0	EP1244245	GB	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	19.02.2002
131168	ALU	02290390.0	EP1244245	DE	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	19.02.2002
131168	ALU	02290390.0	EP1244245	FR	METHOD AND CIRCUIT FOR THE CLOCK SELECTION IN A BASEBAND COMBINER	19.02.2002
120604	ALU	01440156.6	EP1265414	GB	Service Deployment Templates	06.06.2001
120604	ALU	01440156.6	EP1265414	IT	Service Deployment Templates	06.06.2001
120604	ALU	01440156.6	EP1265414	DE	Service Deployment Templates	06.06.2001
120604	ALU	01440156.6	EP1265414	FR	Service Deployment Templates	06.06.2001
120604	ALU	10/128462	US7117195	US	Service Deployment Templates	24.04.2002
131173	ALU	10/198347	US6697189	US	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	19.07.2002
131173	ALU	02126379.5	ZL02126379.5	CN	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	19.07.2002
113166	ALU	01440232.5	EP1280373	GB	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	01440232.5	EP1280373	IT	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	01440232.5	EP1280373	DE	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	01440232.5	EP1280373	FR	Synchroner Crossconnect für OTN-Signale	23.07.2001
113166	ALU	10/198983	US8005359	US	Synchroner Crossconnect für OTN-Signale	22.07.2002
113166	ALU	02126828.2	ZL02126828.2	CN	Synchroner Crossconnect für OTN-Signale	22.07.2002
134087	ALU	10/074340	US7002912	US	Architecture for Transporting PBX Digital Telephone Messages via SIP	12.02.2002
134894	ALU	00801378.0	ZL00801378.0	CN	Policy Network Devices and Methods	12.06.2000
134894	ALU	00939849.6	EP1145519	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110183.9	EP1143661	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	FR	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	DE	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	IT	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110184.7	EP1143662	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110185.4	EP1143663	FR	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110185.4	EP1143663	DE	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110185.4	EP1143663	GB	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110188.8	EP1143665	FR	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110188.8	EP1143665	DE	Policy Network Devices and Methods	12.06.2000
134894	ALU	01110188.8	EP1143665	GB	Policy Network Devices and Methods	12.06.2000
131204	ALU	03122059.2	ZL03122059.2	CN	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	24.04.2003
134092	ALU	10/177043	US7765313	US	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	21.06.2002
134093	ALU	10/264061	US6754314	US	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	02.10.2002
113150	ALU	10/194049	US7031616	US	Procedure for Q-factor measurement on optical burst signals	15.07.2002
113358	ALU	10/453647	US7492774	US	Common handling of DCC and GCC routing for SDH and OTH Signals	04.06.2003
113409	ALU	10/624510	US6996135	US	Raman laser with improved efficiency	23.07.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
113409	ALU	03133114.9	ZL03133114.9	CN	Raman laser with improved efficiency	23.07.2003
100965	ALU	09/057543	US6131029	US	HANDOVER WITH PREEMPTION	09.04.1998
100965	ALU	98106486.8	ZL98106486.8	CN	HANDOVER WITH PREEMPTION	10.04.1998
101006	ALU	9805611	FR2778303	FR	INDOOR USE OF GSM	04.05.1998
129039	ALU	99400279.8	EP0939564	GB	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	ES	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	IT	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	DE	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
129039	ALU	99400279.8	EP0939564	FR	METHOD FOR PROVIDING EMERGENCY CALL SERVICE	08.02.1999
132115	ALU	09/156794	US6411407	US	BI-DIRECTIONAL OPTICAL SUPERVISORY CHANNEL	17.09.1998
101986	ALU	9813374	FR2785118	FR	CANAL MODULE D'ACQUISITION ET DE POURSUITE	26.10.1998
101757	ALU	09/442818	US6344923	US	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	23.11.1999
101757	ALU	99402843.9	EP1005183	GB	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	17.11.1999
101757	ALU	99402843.9	EP1005183	DE	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	17.11.1999
101757	ALU	99402843.9	EP1005183	FR	RAMAN EFFECT CANCELLATION THROUGH POLARISATION MODULATION	17.11.1999
101006	ALU	09/303569	US6161014	US	INDOOR USE OF GSM	03.05.1999
101006	ALU	99401070.0	EP0955784	GB	INDOOR USE OF GSM	03.05.1999
101006	ALU	99401070.0	EP0955784	DE	INDOOR USE OF GSM	03.05.1999
102191	ALU	09/588352	US6741872	US	Mobile Phone without SIM CARD.	07.06.2000
102191	ALU	2000168496	JP2000-168496	JP	Mobile Phone without SIM CARD.	06.06.2000
102348	ALU	09/594774	US6366729	US	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	16.06.2000
102348	ALU	00401696.0	EP1067640	GB	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
102348	ALU	00401696.0	EP1067640	IT	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
102348	ALU	00401696.0	EP1067640	FR	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
102348	ALU	00401696.0	EP1067640	DE	Transmission system with Raman gain smaller than Rayleigh diffusion coefficient	15.06.2000
135544	ALU	09/393752	US7167443	US	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	10.09.1999
101986	ALU	88118410	TW131882	TW	CANAL MODULE D'ACQUISITION ET DE POURSUITE	25.10.1999
101986	ALU	09/581043	US6813307	US	CANAL MODULE D'ACQUISITION ET DE POURSUITE	25.10.1999
135568	ALU	09/439940	US6456708	US	METHOD AND PROCEDURE OR NUMBER PORTABILITY QUERYLESS DATABASE ACCESS, UPDATE, AND DOWNSTREAME, ETC.	12.11.1999
135559	ALU	09/454838	US6353663	US	COLLECT CALLING BY CALLING ID	06.12.1999
135594	ALU	09/473754	US6389200	US	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	28.12.1999
102802	ALU	09/757567	US6766116	US	Improved transission spectral efficiency of optical DWDM channels.	11.01.2001
102191	ALU	00118147.5	ZL00118147.5	CN	Mobile Phone without SIM CARD.	09.06.2000
135195	ALU	08/947186	US6055430	US	CALL INSTANCE REPRESENTATION OF A CALL FOR CALL MANAGEMENT IN A WIRELESS TELECOMMUNICATIONS SYSTEM	08.10.1997
135356	ALU	09/001316	US6067288	US	PERFORMANCE MONITORING DELAY MODULES	31.12.1997
102456	ALU	09/868067	US6545640	US	Miniature T-patch antenna.	08.06.2000
102456	ALU	2001537129	JP4549600	JP	Miniature T-patch antenna.	08.06.2000
102456	ALU	00802572.X	ZL00502572.X	CN	Miniature T-patch antenna.	08.06.2000
103207	ALU	2001169697	JP4878700	JP	Internet access control.	05.06.2001
103207	ALU	01120873.2	ZL01120873.2	CN	Internet access control.	08.06.2001
135261	ALU	08/967975	US6026290	US	CALL LOGGING IN A WIRELESS TELECOMMUNICATIONS SYSTEM	12.11.1997
132476	ALU	09/602712	US6804221	US	MICROMOBILITY USING MULTICAST	26.06.2000
132353	ALU	09/497254	US6671256	US	DATA CHANNEL RESERVATION IN OPTICAL BURST-SWITCHED NETWORKS	03.02.2000
102224	ALU	09/856362	US7801444	US	Wide band optical amplification	22.09.2000
102224	ALU	00966197.6	EP1133842	GB	Wide band optical amplification	22.09.2000
102224	ALU	00966197.6	EP1133842	DE	Wide band optical amplification	22.09.2000
102224	ALU	00966197.6	EP1133842	FR	Wide band optical amplification	22.09.2000
135645	ALU	09/717731	US6745021	US	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	21.11.2000
129210	ALU	09/986555	US7836470	US	Common burst synchronization method	09.11.2001
129210	ALU	2001336079	JP4213380	JP	Common burst synchronization method	01.11.2001
102686	ALU	09/914064	US6532104	US	C-band and L-band EDFA.	21.12.2000
135594	ALU	2000384730	JP4786029	JP	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	19.12.2000

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
135769	ALU	09/795373	US6963564	US	A SLOT-BASED OBS (OPTICAL BURST SWITCHING) ARCHITECTURE IMPLEMENTATION FOR OPTICAL IP SWITCH/ROUTER	26.02.2001
135594	ALU	00137001.4	ZL00137001.4	CN	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	27.12.2000
102819	ALU	200170431	JP4703871	JP	Resources allocation based on a weighted fair queuing in a radiocommunications system.	13.03.2001
103728	ALU	10/046899	US6813493	US	SIGNALLING LINK FOR AERONAUTICAL GSM	17.01.2002
137337	ALU	09/493733	US6421397	US	Modulation system having on-lin IQ calibration	28.01.2000
137337	ALU	09/573607	US6421398	US	Modulation system having on-lin IQ calibration	18.05.2000
120563	ALU	09/801696	US6839320	US	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	09.03.2001
132489	ALU	09/833085	US7315887	US	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	11.04.2001
120576	ALU	10/137421	US6867647	US	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	03.05.2002
135785	ALU	09/871410	US6744868	US	CALL PARTY ID/PROFILE PRESENTATION	31.05.2001
135850	ALU	09/882918	US6547585	US	CABLE HOLDER AND REMOVAL HARNESS	15.06.2001
135821	ALU	20025533	JP4318883	JP	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	15.01.2002
135821	ALU	02102501.0	ZL02102501.0	CN	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	24.01.2002
137200	ALU	01402377.4	EP1189384	GB	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	2001270169	JP4755786	JP	Hot redundancy in Link/Topology State Routing Protocols	06.09.2001
137200	ALU	01402377.4	EP1189384	IT	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	01402377.4	EP1189384	DE	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	01402377.4	EP1189384	FR	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
137200	ALU	01133057.0	ZL01133057.0	CN	Hot redundancy in Link/Topology State Routing Protocols	17.09.2001
132110	ALU	09/924074	US7042900	US	ASAM Architecture	07.08.2001
103344	ALU	10/234125	US6813413	US	PROTECTED OPTICAL RING	05.09.2002
132110	ALU	09/942388	US7039065	US	ASAM Architecture	29.08.2001
135821	ALU	09/962685	US7899066	US	DISTRIBUTED INTELLIGENCE MAC PROTOCOLS FOR DWDM METRO NETWORKS	25.09.2001
120669	ALU	01402558.9	EP1300964	GB	UPSTREAM POWER BACK OFF FOR VDSL.	03.10.2001
120669	ALU	01402558.9	EP1300964	DE	UPSTREAM POWER BACK OFF FOR VDSL.	03.10.2001
120669	ALU	01402558.9	EP1300964	FR	UPSTREAM POWER BACK OFF FOR VDSL.	03.10.2001
137456	ALU	10/015794	US6985084	US	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	17.12.2001
137456	ALU	2002345317	JP4295495	JP	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	28.11.2002
137456	ALU	02157145.7	ZL02157145.7	CN	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	16.12.2002
120239	ALU	10/345218	US7447210	US	ATM header reduction technique	16.01.2003
120239	ALU	02290154.0	EP1330142	GB	ATM header reduction technique	21.01.2002
120239	ALU	02290154.0	EP1330142	DE	ATM header reduction technique	21.01.2002
120239	ALU	02290154.0	EP1330142	FR	ATM header reduction technique	21.01.2002
120701	ALU	02290075.7	EP1328091	GB	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	11.01.2002
120701	ALU	02290075.7	EP1328091	DE	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	11.01.2002
120701	ALU	02290075.7	EP1328091	FR	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	11.01.2002
134061	ALU	2002099938	JP4011950	JP	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
134061	ALU	02127268.9	ZL02127268.9	CN	SIP Call Routing Using Information from INVITE Message Body	03.04.2002
135959	ALU	10/092075	US6775362	US	GRAPHICAL SIP PROXY	06.03.2002
104070	ALU	10/387565	US7031590	US	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	14.03.2003
120576	ALU	02119862.4	ZL273981	CN	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	17.05.2002
135785	ALU	02121663.0	ZL02121663.0	CN	CALL PARTY ID/PROFILE PRESENTATION	30.05.2002
135957	ALU	10/132806	US7274669	US	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	25.04.2002
137561	ALU	10/158115	US7284272	US	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	31.05.2002
137561	ALU	03138176.6	ZL03138176.6	CN	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
104054	ALU	10/455437	US6845199	US	HYDROGEN GETTER FOR OPTICAL CABLE	06.06.2003
120669	ALU	10/261486	US7664254	US	UPSTREAM POWER BACK OFF FOR VDSL.	02.10.2002
120669	ALU	02139968.9	ZL250316	CN	UPSTREAM POWER BACK OFF FOR VDSL.	08.10.2002

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139059	ALU	10/320286	US7324453	US	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	16.12.2002
103933	ALU	10/488772	US7386233	US	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	GB	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	IT	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	DE	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02781370.8	EP1428333	FR	DUAL BUS OPTICAL RING NETWORK	06.09.2002
103933	ALU	02818802.0	ZL02818802.0	CN	DUAL BUS OPTICAL RING NETWORK	06.09.2002
139038	ALU	10/241967	US6831873	US	SDRAM INDEPENDENT IN-LINE CONTROL	12.09.2002
134093	ALU	02151488.7	ZL02151488.7	CN	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	11.10.2002
120438	ALU	10/247621	US6788956	US	TERMINAL (U)SIM SERVICE CAPABILITY FEATURES FOR OPEN SERVICE ARCHITECTURE.	20.09.2002
120701	ALU	10/339348	US7376135	US	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	10.01.2003
120701	ALU	03101542.5	CN100435544C	CN	METHOD FOR SEGREGATING DATA TRAFFIC OVER MULTIPLE ETHERNET LINKS WITH DIFFERENT TRANSMISSION CHARACTERISTICS.	10.01.2003
137596	ALU	10/310910	US7359939	US	Fast Service Restoration for Lost IGMP Leave Requests	06.12.2002
134096	ALU	10/289547	US8040873	US	Distributed integration of legacy PBX systems with SIP networks.	06.11.2002
137595	ALU	10/316916	US7228356	US	IGMP Expedited Leave Triggered By MAC Address	12.12.2002
139054	ALU	10/320244	US7324750	US	PROTECTION REQUEST MESSAGES	16.12.2002
120797	ALU	10/736551	US6977534	US	LVDS DRIVER WITH PRE-EMPHASIS	17.12.2003
139069	ALU	10/328354	US7420918	US	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	23.12.2002
137498	ALU	10/323633	US7233987	US	IGMPv2 in PIM-SSM environment	20.12.2002
137498	ALU	200310124693.7	ZL200310124693.7	CN	IGMPv2 in PIM-SSM environment	19.12.2003
104895	ALU	10/753328	US7574138	US	PERFORMANCE OPTIMIZATION METHOD IN WAVEBAND SWITCHED TRANSPARENT NETWORKS	09.01.2004
139157	ALU	10/392227	US7215644	US	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	19.03.2003
104967	ALU	10/809521	US8140661	US	EMBEDDED ASSURANCE SYSTEM	26.03.2004
104967	ALU	200410030928.0	ZL200410030928.0	CN	EMBEDDED ASSURANCE SYSTEM	26.03.2004
113838	ALU	10/787358	US7590131	US	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	27.02.2004
135957	ALU	20030026500	KR100965033	KR	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	25.04.2003
135957	ALU	2003118436	JP4263525	JP	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	23.04.2003
135957	ALU	03142794.4	ZL03142794.4	CN	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
137680	ALU	10/427938	US7346706	US	Equal Cost Multi-Path Routing	02.05.2003
113358	ALU	031451152.2	ZL03145115.2	CN	Common handling of DCC and GCC routing for SDH and OTH Signals	19.06.2003
120863	ALU	10/796125	US7295602	US	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	10.03.2004
120863	ALU	200447240	JP4390589	JP	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	24.02.2004
120863	ALU	200410004662.2	CN100391214C	CN	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	09.03.2004
120775	ALU	10/601857	US6996410	US	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	24.06.2003
120775	ALU	03147838.7	ZL03147838.7	CN	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2003
137680	ALU	04300256.7		EP	Equal Cost Multi-Path Routing	03.05.2004
120868	ALU	200410048786.0	ZL549369	CN	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	18.06.2004
134101	ALU	10/603918	US8086721	US	Resource management in a network device	25.06.2003
120851	ALU	10/869893	US7715394	US	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	18.06.2004
120851	ALU	200410049675.1	ZL200410049675.1	CN	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	23.06.2004
137600	ALU	10/601627	US7676559	US	Real-Time Policy Evaluation Mechanism	24.06.2003
113818	ALU	10/656125	US7010114	US	SS7 Signaling Server (STP+SAS)	08.09.2003
139059	ALU	03156125.X	ZL03156125.X	CN	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	29.08.2003
134150	ALU	10/746056	US8018852	US	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	24.12.2003

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
137714	ALU	10/663791	US7415018	US	IP TTL Covert Channel For Flows Trace Back	17.09.2003
120015	ALU	09/280435	US6845136	US	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	29.03.1999
139139	ALU	10/703802	US7158289	US	OPTICAL SUPERVISORY/ORDERWIRE CHANNEL USING BROADBAND NOISE MODULATION	07.11.2003
134132	ALU	10/741306	US7852859	US	SIP-PBX PROXY SERVER FOR INTERFACING LEGACY IP-PBXS TO SIP NETWORKS	19.12.2003
114062	ALU	10/885593	US8089864	US	Temporary SNCP for Restoration	08.07.2004
131244	ALU	10/963713	US7561795	US	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	14.10.2004
120961	ALU	11/010437	US7600137	US	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	14.12.2004
134122	ALU	10/728454	US7912065	US	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	05.12.2003
134122	ALU	200310123864.4	ZL200310123864.4	CN	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	31.12.2003
137794	ALU	10/742239	US7747716	US	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	18.12.2003
137794	ALU	2004129488	JP4567367	JP	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
137794	ALU	200410063135.9	ZL200410063135.9	CN	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	28.04.2004
120863	ALU	03290595.2	EP1458129	GB	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	ES	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	IT	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	DE	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
120863	ALU	03290595.2	EP1458129	FR	AUTONEGOTIATION METHOD FOR XDSL MODEM SYSTEMS	11.03.2003
137821	ALU	10/760277	US7436770	US	IP Flow Limiting	21.01.2004
113709	ALU	10/781626	US7136401	US	Raman fiber laser with stable output power	20.02.2004
104967	ALU	200488322	JP4653407	JP	EMBEDDED ASSURANCE SYSTEM	25.03.2004
132005	ALU	10/802118	USRE39378	US	OPTICAL CHANNEL REGULATOR AND METHOD	16.03.2004
114383	ALU	11/045075	US7123994	US	Power Control Protocol	31.01.2005
114047	ALU	10/951599	US7177073	US	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	29.09.2004
131272	ALU	11/004060	US7778156	US	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	06.12.2004
105278	ALU	10/867751	US6995727	US	SPLASHPLATE FEED	16.06.2004
132812	ALU	10/161210	US7609682	US	Implementing an Intelligent Network Service for a Packet-Switched Service Using a Node Interfacing a Mobile Communications Network to a Packet Data Network	03.06.2002
105278	ALU	200410048328.7	ZL200410048328.7	CN	SPLASHPLATE FEED	17.06.2004
137869	ALU	10/903436	US8599852	US	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	30.07.2004
113586	ALU	02360235.2	EP1389862	GB	Lawful Interception for a SIP based Network	08.08.2002
113586	ALU	02360235.2	EP1389862	DE	Lawful Interception for a SIP based Network	08.08.2002
113586	ALU	02360235.2	EP1389862	FR	Lawful Interception for a SIP based Network	08.08.2002
104086	ALU	10/505214	US7664029	US	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	2003577465	JP3845087	JP	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02828250.7	ZL02828250.7	CN	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
137337	ALU	10/156930	US6574286	US	Modulation system having on-lin IQ calibration	29.05.2002
114324	ALU	11/150127	US7688717	US	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	13.06.2005
114324	ALU	200510080409.X	ZL200510080409.X	CN	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.07.2005
105477	ALU	0451627	FR2873524	FR	OMNI CRYSTAL CHANNEL ALIAS MULTI HOMING LINK AGGREGATION	22.07.2004
139250	ALU	2005153516	JP4727298	JP	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	26.05.2005
105477	ALU	11/185789	US7457256	US	OMNI CRYSTAL CHANNEL ALIAS MULTI HOMING LINK AGGREGATION	21.07.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114423	ALU	11/207949	US7529183	US	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	22.08.2005
114423	ALU	200510097935.7	ZL200510097935.7	CN	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	31.08.2005
105305	ALU	11/219830	US7471699	US	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	07.09.2005
134175	ALU	10/941529	US7706302	US	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	14.09.2004
113358	ALU	02360218.8	EP1385296	GB	Common handling of DCC and GCC routing for SDH and OTH Signals	22.07.2002
113358	ALU	02360218.8	EP1385296	DE	Common handling of DCC and GCC routing for SDH and OTH Signals	22.07.2002
113358	ALU	02360218.8	EP1385296	FR	Common handling of DCC and GCC routing for SDH and OTH Signals	22.07.2002
121021	ALU	11/225053	US9118739	US	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	14.09.2005
121021	ALU	200510113281.2	ZL200510113281.2	CN	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	16.09.2005
120996	ALU	11/227229	US7991072	US	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	16.09.2005
120996	ALU	200510105524.8	ZL10105524.8	CN	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2005
139250	ALU	10/974074	US9413487	US	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	27.10.2004
134202	ALU	11/028351	US7417953	US	PORT RE-ENABLING BY MONITORING LINK STATUS	30.12.2004
134202	ALU	05023894.8		EP	PORT RE-ENABLING BY MONITORING LINK STATUS	02.11.2005
105478	ALU	11/269650	US7889736	US	Sanity Proved BGP-update message	09.11.2005
137641	ALU	11/006558	US7489684	US	IGMP on LT Architecture	08.12.2004
120015	ALU	11/026258	US7372930	US	A METHOD TO SYNCHRONISE DATA AND A TRANSMITTER AND A RECEIVER REALISING SAID METHOD.	30.12.2004
139314	ALU	11/016254	US7359496	US	PRESENCE AND PREFERENCE ENABLED AND AUTOMATICALLY CUSTOMIZABLE CALL RESPONSE USING CALLER'S PREFERRED CONTACTING CHANNEL(S)	17.12.2004
139314	ALU	05027289.7		EP	PRESENCE AND PREFERENCE ENABLED AND AUTOMATICALLY CUSTOMIZABLE CALL RESPONSE USING CALLER'S PREFERRED CONTACTING CHANNEL(S)	14.12.2005
139255	ALU	200510134038.9	ZL200510134038.9	CN	METHOD TO MINIMIZE LEAKAGE OF OAM FRAMES OUTSIDE ETHERNET OAM DOMAIN	22.12.2005
139270	ALU	11/023784	US7855968	US	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	28.12.2004
139271	ALU	11/024077	US8054751	US	REMOTE ACCESS LINK FAULT INDICATION	28.12.2004
139292	ALU	11/023716	US7512141	US	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	28.12.2004
134187	ALU	11/027873	US7751421	US	TRAFFIC GENERATOR/MONITOR MODE	29.12.2004
139271	ALU	200510069065.2	ZL200510069065.2	CN	REMOTE ACCESS LINK FAULT INDICATION	10.05.2005
139379	ALU	10/499613	US7369528	US	METHOD AND SYSTEM TO SEND GSM SMS MESSAGE OVER CDMA RADIO NETWORK TO A GASM DESTINATION SMS SERVICE CENTER IN THE CORE NETWORK	19.12.2002
104086	ALU	02704874.3	EP1479183	GB	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02704874.3	EP1479183	IT	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02704874.3	EP1479183	DE	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
104086	ALU	02704874.3	EP1479183	FR	TOPAZ : TRANSPARENT OPTICAL PATHS PROCESS AND ALGORITHMZ	21.02.2002
139279	ALU	11/229114	US7508757	US	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	16.09.2005
121028	ALU	05290778.9		EP	CONTEXT INTERACTION SYSTEM.	06.04.2005
114739	ALU	11/255203	US7742502	US	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	21.10.2005
114739	ALU	200510116820.8	ZL200510116820.8	CN	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	27.10.2005
104967	ALU	04290706.3	EP1463238	GB	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	ES	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	IT	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	DE	EMBEDDED ASSURANCE SYSTEM	15.03.2004
104967	ALU	04290706.3	EP1463238	FR	EMBEDDED ASSURANCE SYSTEM	15.03.2004
105278	ALU	04291540.5	EP1489688	GB	SPLASHPLATE FEED	16.06.2004
105278	ALU	04291540.5	EP1489688	IT	SPLASHPLATE FEED	16.06.2004
105278	ALU	04291540.5	EP1489688	DE	SPLASHPLATE FEED	16.06.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
105278	ALU	04291540.5	EP1489688	FR	SPLASHPLATE FEED	16.06.2004
121012	ALU	04291930.8	EP1622311	GB	ZERO CONFIGURATION OF CPE MANAGEMENT SERVER.	29.07.2004
121012	ALU	04291930.8	EP1622311	DE	ZERO CONFIGURATION OF CPE MANAGEMENT SERVER.	29.07.2004
121012	ALU	04291930.8	EP1622311	FR	ZERO CONFIGURATION OF CPE MANAGEMENT SERVER.	29.07.2004
131302	ALU	11412747	US7881610	US	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	28.04.2006
150039	ALU	11/130171	US8675653	US	Co-Existing Static And Dymanic IP Multicast	17.05.2005
150039	ALU	200610092894.7	ZL200610092894.7	CN	Co-Existing Static And Dymanic IP Multicast	17.05.2006
105957	ALU	11/453794	US8040887	US	E1 OVER ETHERNET TRANSPORT	16.06.2006
105957	ALU	200610092285.1	ZL200610092285.1	CN	E1 OVER ETHERNET TRANSPORT	16.06.2006
139292	ALU	200510083063.9	ZL200510083063.9	CN	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	08.07.2005
114551	ALU	11/192356	US7280188	US	Low cost fibre monitoring by reusing of transceiver components	29.07.2005
105305	ALU	200510102507.9	ZL200510102507.9	CN	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	08.09.2005
105477	ALU	200510098039.2	ZL200510098039.2	CN	OMNI CRYSTAL CHANNEL ALIAS MULTI HOMING LINK AGGREGATION	22.07.2005
137999	ALU	11/186866	US7984493	US	DNS-Based Enforcement for Confinement and Detection of Network Malicious Activities	22.07.2005
102819	ALU	09/808025	US7184775	US	Resources allocation based on a weighted fair queuing in a radiocommunications system.	15.03.2001
132110	ALU	05076150.1		EP	ASAM Architecture	17.05.2005
114514	ALU	200510103546.0	ZL200510103546.0	CN	Push to Video	21.09.2005
134175	ALU	200510102920.5	ZL200510102920.5	CN	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	14.09.2005
114782	ALU	11/485454	US7400387	US	Fiber Monitoring in Optical Burst Mode	13.07.2006
114782	ALU	200610115724.6	ZL200610115724.6	CN	Fiber Monitoring in Optical Burst Mode	11.08.2006
139405	ALU	11/233987	US7570752	US	CONFERENCE ACTIVITY PRESENCE	23.09.2005
139405	ALU	200610115785.2	ZL200610115785.2	CN	CONFERENCE ACTIVITY PRESENCE	17.08.2006
137984	ALU	11/234169	US7889669	US	Equalized Network Latency For Multi-Player Gaming	26.09.2005
105478	ALU	2005323167	JP4669773	JP	Sanity Proved BGP-update message	08.11.2005
105478	ALU	200510117790.2	ZL200510117790.2	CN	Sanity Proved BGP-update message	10.11.2005
134202	ALU	200510117131.9	ZL200510117131.9	CN	PORT RE-ENABLING BY MONITORING LINK STATUS	01.11.2005
114739	ALU	2005135117/09	RU2395907	RU	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	11.11.2005
114739	ALU	2005/012111	MX254186	MX	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	10.11.2005
114739	ALU	3000/DEL/2005		IN	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	09.11.2005
139314	ALU	200510131857.8	ZL10131857.8	CN	PRESENCE AND PREFERENCE ENABLED AND AUTOMATICALLY CUSTOMIZABLE CALL RESPONSE USING CALLER'S PREFERRED CONTACTING CHANNEL(S)	15.12.2005
105952	ALU	11/560463	US7702243	US	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	16.11.2006
105952	ALU	200610148516.6	ZL200610148516.6	CN	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	17.11.2006
120377	ALU	00440159.2	EP1130873	GB	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
120377	ALU	00440159.2	EP1130873	IT	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
120377	ALU	00440159.2	EP1130873	DE	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
120377	ALU	00440159.2	EP1130873	FR	PROTOCOL PROFILING AND NEGOTIATION	26.05.2000
134203	ALU	11/291347	US7555562	US	METHOD FOR REMOTE PORT MONITORING	01.12.2005
114620	ALU	11/583019	US7355787	US	High power double stage submarine EDFA	19.10.2006
114620	ALU	200610143197.X	ZL200610143197.X	CN	High power double stage submarine EDFA	02.11.2006
134187	ALU	200510132972.7	ZL200510132972.7	CN	TRAFFIC GENERATOR/MONITOR MODE	29.12.2005
150019	ALU	11/324648		US	Network Security Using Recursive Statistics Collection	03.01.2006
150019	ALU	200610130941.2	ZL200610130941.2	CN	Network Security Using Recursive Statistics Collection	29.12.2006
114324	ALU	04291693.2	EP1613123	GB	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	02.07.2004
114324	ALU	04291693.2	EP1613123	DE	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	02.07.2004
114324	ALU	04291693.2	EP1613123	FR	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	02.07.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
135957	ALU	11/354525	US7639697	US	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	15.02.2006
121028	ALU	11/395219	US8085981	US	CONTEXT INTERACTION SYSTEM.	03.04.2006
121028	ALU	200682157	JP5000164	JP	CONTEXT INTERACTION SYSTEM.	24.03.2006
121028	ALU	200610066391.2	ZL423795	CN	CONTEXT INTERACTION SYSTEM.	06.04.2006
114609	ALU	11/583018	US7411727	US	Control signal for Raman gain tuning	19.10.2006
114609	ALU	200610143133.X	ZL200610143133.X	CN	Control signal for Raman gain tuning	01.11.2006
114621	ALU	11/583020	US8041228	US	DQPSK transponder stabilization	19.10.2006
114621	ALU	200610146794.8	ZL200610146794.8	CN	DQPSK transponder stabilization	24.11.2006
139343	ALU	200610079009.1	ZL200610079009.1	CN	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	28.04.2006
114622	ALU	11/583021	US7382525	US	constant gain EDFA with fixed tilt loss compensation	19.10.2006
114622	ALU	200610148634.7	ZL200610148634.7	CN	constant gain EDFA with fixed tilt loss compensation	20.11.2006
131302	ALU	1863028	ZL200610080205.0	CN	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2006
139422	ALU	11/383741	US7733794	US	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	16.05.2006
139422	ALU	200610092261.6	ZL200610092261.6	CN	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	17.06.2006
140571	ALU	11/452263	US7590749	US	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006
134061	ALU	11/427513	US8737272	US	SIP Call Routing Using Information from INVITE Message Body	29.06.2006
131320	ALU	11/768672	US7836358	US	Method for improving SNMP error management	26.06.2007
139487	ALU	11/469223	US7843845	US	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	31.08.2006
137794	ALU	04300223.7	EP1473875	FR	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
137794	ALU	04300223.7	EP1473875	DE	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
137794	ALU	04300223.7	EP1473875	IT	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	26.04.2004
106330	ALU	0653675	FR2905771	FR	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	12.09.2006
139376	ALU	200580018382.X	ZL200580018382.X	CN	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
132489	ALU	02007393.8	EP1251656	FR	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
132489	ALU	02007393.8	EP1251656	DE	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
132489	ALU	02007393.8	EP1251656	IT	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
132489	ALU	02007393.8	EP1251656	GB	ARCHITECTURE AND DESIGN FOR AN INTEGRATED TELECOMMUNICATIONS EQUIPMENT MANAGEMENT SYSTEM	10.04.2002
139376	ALU	11/568069	US7941171	US	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
131142	ALU	01401270.2	EP1158831	FR	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	DE	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	IT	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	ES	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
131142	ALU	01401270.2	EP1158831	GB	NETWORK ELEMENT FOR INTERCONNECTING MS-SPRING AND SNCP RINGS	16.05.2001
139270	ALU	200580019607.3	ZL200580019607.3	CN	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	2007513193	JP4764420	JP	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	6581/DELNP/2006	IN279941	IN	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	PA/a/2006/013033	MX283857	MX	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	2006143638	RU2390947	RU	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
134122	ALU	03293349.1	EP1435707	FR	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
134122	ALU	03293349.1	EP1435707	DE	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
134122	ALU	03293349.1	EP1435707	IT	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
134122	ALU	03293349.1	EP1435707	GB	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	23.12.2003
139487	ALU	200610163987.4	ZL10163987.4	CN	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	27.11.2006
113709	ALU	03290493.0	EP1458067	FR	Raman fiber laser with stable output power	03.03.2003
113709	ALU	03290493.0	EP1458067	DE	Raman fiber laser with stable output power	03.03.2003
113709	ALU	03290493.0	EP1458067	GB	Raman fiber laser with stable output power	03.03.2003
139069	ALU	03027240.5	EP1434460	FR	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	28.11.2003
139069	ALU	03027240.5	EP1434460	DE	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	28.11.2003
139069	ALU	03027240.5	EP1434460	GB	LOOK-AHEAD CONTENTION RESOLUTION SCHEME FOR OBS	28.11.2003
105694	ALU	200580023522.2	ZL200580023522.2	CN	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
105694	ALU	11/570590	US7733946	US	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
120868	ALU	03291538.1	EP1492381	FR	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	DE	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	IT	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	ES	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
120868	ALU	03291538.1	EP1492381	GB	NEW RADIUS ATTRIBUTES THAT ALLOW FLEXIBLE AUTHORIZATION/CONFIGURATION FOR MULTICAST SERVICES.	24.06.2003
113409	ALU	02360221.2	EP1385240	FR	Raman laser with improved efficiency	24.07.2002
113409	ALU	02360221.2	EP1385240	DE	Raman laser with improved efficiency	24.07.2002
113409	ALU	02360221.2	EP1385240	GB	Raman laser with improved efficiency	24.07.2002
120775	ALU	02291586.2	EP1376926	FR	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2002
120775	ALU	02291586.2	EP1376926	DE	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2002
120775	ALU	02291586.2	EP1376926	GB	SOLUTION FOR BROADCAST MODE OF MULTIMEDIA BROADCAST MULTICAST SERVICE.	25.06.2002
120797	ALU	02293229.7	EP1434347	FR	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
120797	ALU	02293229.7	EP1434347	DE	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
120797	ALU	02293229.7	EP1434347	IT	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
120797	ALU	02293229.7	EP1434347	GB	LVDS DRIVER WITH PRE-EMPHASIS	23.12.2002
102819	ALU	01400640.7	EP1134954	FR	Resources allocation based on a weighted fair queuing in a radiocommunications system.	12.03.2001
102819	ALU	01400640.7	EP1134954	DE	Resources allocation based on a weighted fair queuing in a radiocommunications system.	12.03.2001
102819	ALU	01400640.7	EP1134954	GB	Resources allocation based on a weighted fair queuing in a radiocommunications system.	12.03.2001
113150	ALU	01440225.9	EP1278314	FR	Procedure for Q-factor measurement on optical burst signals	17.07.2001
113150	ALU	01440225.9	EP1278314	DE	Procedure for Q-factor measurement on optical burst signals	17.07.2001
113150	ALU	01440225.9	EP1278314	IT	Procedure for Q-factor measurement on optical burst signals	17.07.2001
113150	ALU	01440225.9	EP1278314	GB	Procedure for Q-factor measurement on optical burst signals	17.07.2001
800963	ALU	10/860256	US7113782	US	METHOD AND DEVICE FOR SELECTING PARAMETERS FOR A CELLULAR RADIO COMMUNICATION NETWORK BASED ON OCCURRENCE FREQUENCIES	03.06.2004
800958	ALU	10/780403	US7418260	US	Method of controlling a mode of reporting of measurements on a radio	17.02.2004
801008	ALU	9714717	FR2771585	FR	PRIVATE BASE STATION FOR MOBILE PHONE	24.11.1997
801008	ALU	98955713.7	EP1033046	GB	PRIVATE BASE STATION FOR MOBILE PHONE	28.11.1998
801008	ALU	09/555324	US6615035	US	PRIVATE BASE STATION FOR MOBILE PHONE	20.09.2000
800928	ALU	0100487	FR2819661	FR	Mobile radio communications digital word transmission having receipt signal sent showing correct transmission/where incorrect receipt sending redundant blocks/where non coherent reception indicated starting transmission command.	15.01.2001
800928	ALU	10/046527	US7079489	US	Mobile radio communications digital word transmission having receipt signal sent showing correct transmission/where incorrect receipt sending redundant blocks/where non coherent reception indicated starting transmission command.	14.01.2002
120563	ALU	01400572.2	EP1133132	FR	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	06.03.2001
120563	ALU	01400572.2	EP1133132	DE	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	06.03.2001

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120563	ALU	01400572.2	EP1133132	GB	BANDWIDTH EFFICIENT LDP END-TO-END AUTHENTICATION.	06.03.2001
120851	ALU	03291558.9	EP1492268	FR	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	25.06.2003
120851	ALU	03291558.9	EP1492268	DE	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	25.06.2003
120851	ALU	03291558.9	EP1492268	GB	ARCHITECTURE FOR BRIDGED ETHERNET RESIDENTIAL ACCESS NETWORKS.	25.06.2003
137498	ALU	11/698082	US7519662	US	IGMPv2 in PIM-SSM environment	26.01.2007
114423	ALU	04292117.1	EP1633068	FR	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.09.2004
114423	ALU	04292117.1	EP1633068	DE	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.09.2004
114423	ALU	04292117.1	EP1633068	GB	Self Routed and Fast Restored Circuit in SDH, SONET and OTH	01.09.2004
137600	ALU	04300386.2	EP1492267	FR	Real-Time Policy Evaluation Mechanism	18.06.2004
137600	ALU	04300386.2	EP1492267	DE	Real-Time Policy Evaluation Mechanism	18.06.2004
137600	ALU	04300386.2	EP1492267	GB	Real-Time Policy Evaluation Mechanism	18.06.2004
131204	ALU	02291057.4	EP1357698	FR	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
131204	ALU	02291057.4	EP1357698	DE	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
131204	ALU	02291057.4	EP1357698	IT	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
131204	ALU	02291057.4	EP1357698	GB	CONNECTION DELETION MANAGEMENT IN A CENTRALIZED POLICY MANAGER WITH COPS PROTOCOL	25.04.2002
100965	ALU	98400867.2	EP0871341	DE	HANDOVER WITH PREEMPTION	09.04.1998
100965	ALU	98400867.2	EP0871341	GB	HANDOVER WITH PREEMPTION	09.04.1998
105305	ALU	05108011.7	EP1635605	FR	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	DE	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	IT	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	NL	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	ES	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
105305	ALU	05108011.7	EP1635605	GB	GLUE MAC - IMPROVING DBORN PERFORMANCE BY USE OF GLUING MAC	01.09.2005
134061	ALU	02400025.9	EP1248440	FR	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
134061	ALU	02400025.9	EP1248440	GB	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
134061	ALU	02400025.9	EP1248440	DE	SIP Call Routing Using Information from INVITE Message Body	02.04.2002
120576	ALU	01401313.0	EP1258982	FR	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	18.05.2001
120576	ALU	01401313.0	EP1258982	DE	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	18.05.2001
120576	ALU	01401313.0	EP1258982	GB	DIGITAL QUIESCENT CURRENT CONTROL FOR CLASS AB AMPLIFIERS.	18.05.2001
137561	ALU	03300023.3	EP1367799	FR	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
137561	ALU	03300023.3	EP1367799	DE	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
137561	ALU	03300023.3	EP1367799	GB	SECRET HASHING FOR TCP SYN/FIN CORRESPONDENCE	30.05.2003
134093	ALU	02022904.3	EP1303120	FR	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	10.10.2002
134093	ALU	02022904.3	EP1303120	DE	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	10.10.2002
134093	ALU	02022904.3	EP1303120	GB	Novel Usage of Digital Telephone Set Keyboard/Display for Generating Text Messages to Alphanumeric Pagers, Cellphones and Pdas.	10.10.2002
150039	ALU	7215/DELNP/2007		IN	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	1020077029226	KR101168369	KR	Co-Existing Static And Dymanic IP Multicast	15.05.2006
801048	ALU	07290999.7		EP	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	10.08.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
801048	ALU	12/184730	US8571184	US	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	01.08.2008
137869	ALU	200580016193.9	ZL200580016193.9	CN	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
120961	ALU	03293172.7	EP1545052	FR	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	15.12.2003
120961	ALU	03293172.7	EP1545052	DE	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	15.12.2003
120961	ALU	03293172.7	EP1545052	GB	PROGRAMMABLE SERVICE SUBSTITUTION FOR SLEEPING DEVICES IN A RESIDENTIAL CONTEXT	15.12.2003
114621	ALU	05292532.8	EP1791274	FR	DQPSK transponder stabilization	25.11.2005
114621	ALU	05292532.8	EP1791274	DE	DQPSK transponder stabilization	25.11.2005
114621	ALU	05292532.8	EP1791274	GB	DQPSK transponder stabilization	25.11.2005
135957	ALU	03008815.7	EP1357730	FR	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
135957	ALU	03008815.7	EP1357730	DE	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
135957	ALU	03008815.7	EP1357730	GB	ARCHITECTURE FOR AN ALL DIGITAL SUBSCRIBER LINE WITH MULTIPLE POTS/DATA PORTS A	24.04.2003
131244	ALU	03293052.1	EP1538765	FR	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	05.12.2003
131244	ALU	03293052.1	EP1538765	DE	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	05.12.2003
131244	ALU	03293052.1	EP1538765	GB	PROCEDURE FOR IN-BAND SIGNALLING TO ALLOW ODU-FORWARD PROTECTION INDICATION AND ODU-LINK DEGRADATION INDICATION FOR NEW OTN PROTECTION MECHANISM	05.12.2003
137596	ALU	03300237.9	EP1427132	FR	Fast Service Restoration for Lost IGMP Leave Requests	01.12.2003
137596	ALU	03300237.9	EP1427132	DE	Fast Service Restoration for Lost IGMP Leave Requests	01.12.2003
137596	ALU	03300237.9	EP1427132	GB	Fast Service Restoration for Lost IGMP Leave Requests	01.12.2003
802516	ALU	09/880811	US6674935	US	Optical Connection Arrangements	15.06.2001
800011	ALU	200710188772.2	ZL200710188772.2	CN	Adaptive Indoor System	20.11.2007
800011	ALU	11/942442	US8032148	US	Adaptive Indoor System	19.11.2007
801907	ALU	07291342.9	EP2058960	EP	General broadcasting of fake channels	08.11.2007
114062	ALU	03291785.8	EP1499049	FR	Temporary SNCP for Restoration	18.07.2003
114062	ALU	03291785.8	EP1499049	DE	Temporary SNCP for Restoration	18.07.2003
114062	ALU	03291785.8	EP1499049	IT	Temporary SNCP for Restoration	18.07.2003
114062	ALU	03291785.8	EP1499049	GB	Temporary SNCP for Restoration	18.07.2003
113838	ALU	03290787.5	EP1463370	FR	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	28.03.2003
113838	ALU	03290787.5	EP1463370	DE	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	28.03.2003
113838	ALU	03290787.5	EP1463370	GB	SELF ROUTED AND FAST RESTORED CIRCUIT IN SDH; SONET AND OTH	28.03.2003
114782	ALU	05291727.5	EP1753159	FR	Fiber Monitoring in Optical Burst Mode	12.08.2005
114782	ALU	05291727.5	EP1753159	DE	Fiber Monitoring in Optical Burst Mode	12.08.2005
114782	ALU	05291727.5	EP1753159	GB	Fiber Monitoring in Optical Burst Mode	12.08.2005
114514	ALU	04292339.1	EP1643711	FR	Push to Video	30.09.2004
114514	ALU	04292339.1	EP1643711	IT	Push to Video	30.09.2004
114514	ALU	04292339.1	EP1643711	ES	Push to Video	30.09.2004
114514	ALU	04292339.1	EP1643711	GB	Push to Video	30.09.2004
105957	ALU	06115517.2	EP1734701	FR	E1 OVER ETHERNET TRANSPORT	15.06.2006
105957	ALU	06115517.2	EP1734701	DE	E1 OVER ETHERNET TRANSPORT	15.06.2006
105957	ALU	06115517.2	EP1734701	GB	E1 OVER ETHERNET TRANSPORT	15.06.2006
134187	ALU	05027717.7	EP1677454	FR	TRAFFIC GENERATOR/MONITOR MODE	19.12.2005
134187	ALU	05027717.7	EP1677454	DE	TRAFFIC GENERATOR/MONITOR MODE	19.12.2005
134187	ALU	05027717.7	EP1677454	GB	TRAFFIC GENERATOR/MONITOR MODE	19.12.2005
114609	ALU	05292482.6	EP1788729	FR	Control signal for Raman gain tuning	21.11.2005
114609	ALU	05292482.6	EP1788729	DE	Control signal for Raman gain tuning	21.11.2005
114609	ALU	05292482.6	EP1788729	GB	Control signal for Raman gain tuning	21.11.2005
120996	ALU	04292292.2	EP1641173	FR	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004

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Nokia Technologies Oy ("Technologies"), Nokia Solutions and Networks B.V. ("Networks"), Alcatel Lucent SAS ("ALU")

Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
120996	ALU	04292292.2	EP1641173	DE	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	IT	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	NL	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	PL	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	ES	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
120996	ALU	04292292.2	EP1641173	GB	DSL MODEM WITH CONTROLLED TRANSMIT SIGNAL QUALITY DEGRADATION.	23.09.2004
139405	ALU	2374/DELNP/2008		IN	CONFERENCE ACTIVITY PRESENCE	02.08.2006
801433	ALU	12/049743	US8155028	US	MPLS LSP Automation Engine For Ring Topologies	17.03.2008
802740	ALU	12/078701	US8165024	US	VIDEO DENTING ON NETWORK CONGESTION USING IN-LINE DPI APPLIANCE	03.04.2008
131173	ALU	01401963.2	EP1278315	FR	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	20.07.2001
131173	ALU	01401963.2	EP1278315	DE	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	20.07.2001
131173	ALU	01401963.2	EP1278315	GB	ACTIVE GAIN EQUALIZATION OF TWO STAGE EDFA USING THE RAMAN AMPLIFICATION.	20.07.2001
131272	ALU	04290901.0	EP1585271	FR	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	05.04.2004
131272	ALU	04290901.0	EP1585271	DE	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	05.04.2004
131272	ALU	04290901.0	EP1585271	GB	SWITCHING TIME IMPROVEMENTS OF SECTION/LINE AND EQUIPMENT PROTECTIONS IN SDH AND SONET TECHNOLOGIES.	05.04.2004
800280	ALU	12/107836	US8045852	US	Channel Balancing Algorithm	23.04.2008
150019	ALU	06849513.4		EP	Network Security Using Recursive Statistics Collection	26.12.2006
803482	ALU	10/635544	US7139486	US	Method and Apparatus for Optical Add/Drop Multiplexing in Optical Networks	07.08.2003
150039	ALU	06795340.6	EP1884064	FR	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	06795340.6	EP1884064	DE	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	06795340.6	EP1884064	IT	Co-Existing Static And Dymanic IP Multicast	15.05.2006
150039	ALU	06795340.6	EP1884064	GB	Co-Existing Static And Dymanic IP Multicast	15.05.2006
139059	ALU	03018815.5	EP1395003	FR	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	DE	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	IT	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	NL	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	ES	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
139059	ALU	03018815.5	EP1395003	GB	A CONSTRAINT-BASED SHORTEST PATH FIRST ALGORITHM FOR FIBER SWITCHING	19.08.2003
803626	ALU	10/612908	US6912340	US	Optical Ring Interconnect	07.07.2003
802399	ALU	12/164703	US8108893	US	USER INTERACTIVE TARGETED ADS	30.06.2008
121021	ALU	04292239.3	EP1638288	FR	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
121021	ALU	04292239.3	EP1638288	DE	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
121021	ALU	04292239.3	EP1638288	IT	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
121021	ALU	04292239.3	EP1638288	GB	A WEB SERVICE COMPLIANT ALTERNATIVE FOR THE WT-87 MANAGEMENT PROTOCOL.	17.09.2004
802836	ALU	08013004.0		EP	Polarization insensitive injection locked laser diodes for access applications	18.07.2008
803797	ALU	10/435458	US7317731	US	System and Method for Distributed Resource Reservation Protocol - Traffic Engineering (RSVP-TE) Hitless Restart in Multi-Protocol Label Switching (MPLS) Network	12.05.2003
129210	ALU	01402848.4	EP1206053	FR	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	DE	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	IT	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	ES	Common burst synchronization method	05.11.2001
129210	ALU	01402848.4	EP1206053	GB	Common burst synchronization method	05.11.2001
803722	ALU	12/192553	US9032433	US	Personalized Ads Insertion During Start Over Service	15.08.2008
803981	ALU	10/191548	US7274656	US	Protection System and Method for Resilient Packet Ring (RPR) Interconnection	10.07.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139279	ALU	05022018.5	EP1648118	FR	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	10.10.2005
139279	ALU	05022018.5	EP1648118	DE	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	10.10.2005
139279	ALU	05022018.5	EP1648118	GB	A ROBUST ADAPTIVE SLIDING WINDOW SCHEME FOR MAC TABLE OVERFLOW IN AN AUTHENTICATION ENABLED ETHERNET NETWORK	10.10.2005
139292	ALU	05014353.6	EP1615377	FR	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	01.07.2005
139292	ALU	05014353.6	EP1615377	DE	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	01.07.2005
139292	ALU	05014353.6	EP1615377	GB	OAM DOMAIN CONFIGURATION USING GARP (GENERIC OAM REGISTRATION PROTOCOL - GORP)	01.07.2005
804028	ALU	10/107333	US7184434	US	Label Distribution Protocol Supporting Multiple Classes of Service in a Multi Protocol Label Switching (MPLS) Network, Methods and MPLS Network Using Thereof	28.03.2002
114218	ALU	03292571.1	EP1524781	FR	Low-cost optical link monitoring functionality integrated into transmission equipment	15.10.2003
114218	ALU	03292571.1	EP1524781	DE	Low-cost optical link monitoring functionality integrated into transmission equipment	15.10.2003
114218	ALU	03292571.1	EP1524781	GB	Low-cost optical link monitoring functionality integrated into transmission equipment	15.10.2003
137794	ALU	200810095852.8	ZL200810095852.8	CN	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	28.04.2004
104054	ALU	03291322.0	EP1369725	FR	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
104054	ALU	03291322.0	EP1369725	DE	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
104054	ALU	03291322.0	EP1369725	IT	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
104054	ALU	03291322.0	EP1369725	GB	HYDROGEN GETTER FOR OPTICAL CABLE	03.06.2003
135594	ALU	00126462.1	EP1113299	FR	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	07.12.2000
135594	ALU	00126462.1	EP1113299	DE	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	07.12.2000
135594	ALU	00126462.1	EP1113299	GB	WIDE TUNING RANGE FIBER BRAGG GRATING FILTER (FBGF) USING MUSCLE WIRE ACTUATOR	07.12.2000
135785	ALU	02009324.1	EP1263244	FR	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	DE	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	IT	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	NL	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	ES	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
135785	ALU	02009324.1	EP1263244	GB	CALL PARTY ID/PROFILE PRESENTATION	02.05.2002
804121	ALU	09/310795	US6999990	US	Technical Support Chain Automation With Guided Self-Help Capability, Escalation to Live Help and Active Journaling	12.05.1999
804122	ALU	09/310399	US6542898	US	Technical Support Chain Automation With Guided Self-Help Capability Using Active Content Developed for Specific Audiences	12.05.1999
804123	ALU	09/215873	US6615240	US	Technical Support Chain Automation With Guided Self-Help Capability and Option to Escalate to Live Help	18.12.1998
804124	ALU	09/215880	US6694314	US	Technical Support Chain Automation With Guided Self-Help Capability via a System Supplied Search String	18.12.1998
804126	ALU	09/505502	US6658598	US	Technical Support Chain Automation with Guided Self-Help Capability Using Active Content Assertions	17.02.2000
137869	ALU	05783095.2	EP1751935	FR	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
137869	ALU	05783095.2	EP1751935	DE	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
137869	ALU	05783095.2	EP1751935	GB	Open Service Discovery And Routing Mechanism For Configuring Cross-Domain Telecommunication Services	19.05.2005
804279	ALU	10/143780	US7120165	US	Method and System for Allocating and Controlling Labels in Multi-Protocol Label Switched Networks	14.05.2002
804313	ALU	09/963501	US6968131	US	Topology Discovery in Optical WDM Networks	27.09.2001
804336	ALU	09/972991	US7054556	US	Channel Identification in Communications Networks	10.10.2001
804336	ALU	10/067748	US7158723	US	Channel Identification in Communications Networks	02.02.2002
804336	ALU	10/263959	US7155122	US	Channel Identification in Communications Networks	04.10.2002
804336	ALU	11/511248	US7551858	US	Channel Identification in Communications Networks	29.08.2006
804336	ALU	2764461.6	EP1433278	FR	Channel Identification in Communications Networks	04.10.2002
804336	ALU	2764461.6	EP1433278	DE	Channel Identification in Communications Networks	04.10.2002
804336	ALU	2764461.6	EP1433278	GB	Channel Identification in Communications Networks	04.10.2002
804336	ALU	04027996.0	EP1508988	FR	Channel Identification in Communications Networks	10.04.2002

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804336	ALU	04027996.0	EP1508988	DE	Channel Identification in Communications Networks	10.04.2002
804336	ALU	04027996.0	EP1508988	GB	Channel Identification in Communications Networks	10.04.2002
131338	ALU	06291800.8	EP1926256	FR	Phase aligner for Virtual Concatenation termination	22.11.2006
131338	ALU	06291800.8	EP1926256	DE	Phase aligner for Virtual Concatenation termination	22.11.2006
131338	ALU	06291800.8	EP1926256	GB	Phase aligner for Virtual Concatenation termination	22.11.2006
802923	ALU	200910005708.5	ZL200910005708.5	CN	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	03.02.2009
802923	ALU	12/364118	US8681854	US	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	02.02.2009
803447	ALU	0900046	FR2940875	FR	Method And System For Triggering Enriched Presence	07.01.2009
120239	ALU	12/262697	US7903664	US	ATM header reduction technique	31.10.2008
104070	ALU	03290551.5	EP1347545	FR	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
104070	ALU	03290551.5	EP1347545	DE	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
104070	ALU	03290551.5	EP1347545	IT	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
104070	ALU	03290551.5	EP1347545	GB	OPTICAL WAVEGUIDE AMPLIFIER INCLUDING NANO-ENGINEERED PARTICLES	07.03.2003
114047	ALU	03292843.4	EP1531563	FR	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	14.11.2003
114047	ALU	03292843.4	EP1531563	DE	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	14.11.2003
114047	ALU	03292843.4	EP1531563	GB	Raman amplifier for Second order pumping (in transmission line) and DCF pumping	14.11.2003
800011	ALU	2009535639	JP5124587	JP	Adaptive Indoor System	20.11.2007
804092	ALU	0950817		FR	Availability indicator via video	10.02.2009
106292	ALU	200780034355.0	ZL200780034355.0	CN	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	20097008143	KR1317093	KR	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	12/311029	US8358607	US	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
137571	ALU	03300092.8	EP1427152	FR	Autodiscovery of VLANs	19.08.2003
137571	ALU	03300092.8	EP1427152	DE	Autodiscovery of VLANs	19.08.2003
137571	ALU	03300092.8	EP1427152	GB	Autodiscovery of VLANs	19.08.2003
102191	ALU	00401544.2	EP1059824	FR	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	DE	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	IT	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	ES	Mobile Phone without SIM CARD.	31.05.2000
102191	ALU	00401544.2	EP1059824	GB	Mobile Phone without SIM CARD.	31.05.2000
134247	ALU	200780036501.3	ZL200780036501.3	CN	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	1789/DELNP/2009		IN	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	18.03.2009
134247	ALU	2009530667	JP5405305	JP	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	20097006465	KR101323074	KR	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
Abraham 7-2-67-8-2 (SP)	ALU	10/202271	US7206286	US	Dynamic DCH Allocation Methodology For Packet Data Services In A Wireless Communications System	24.07.2002
Abraham 9-75 (SP)	ALU	10/702748	US7298716	US	Clustering Based Load Adaptive Sleeping Protocol For Ad Hoc Networks	06.11.2003
Abramov 2-5-32 (AA)	ALU	295865/1998	JP3421254	JP	Recoatable Temperature-Insensitive Long-Period Gratings	16.10.1998
Abramov 2-5-32 (AA)	ALU	08/951778	US6011886	US	Recoatable Temperature-Insensitive Long-Period Gratings	16.10.1997
Abys 43-7-3-1-2 (JA)	ALU	09/405368	US6534192	US	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	24.09.1999
Abys 43-7-3-1-2 (JA)	ALU	20000055995	KR0356322	KR	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	23.09.2000
Abys 43-7-3-1-2 (JA)	ALU	2000287891	JP3662825	JP	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	22.09.2000
Abys 43-7-3-1-2 (JA)	ALU	09/941086	US6517893	US	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	28.08.2001
Acharya 30-4-17 (S)	ALU	11/425566	US7676823	US	User Interface Methods And Apparatus For Roaming Access To Subscription Services	21.06.2006
Acharya 30-4-17 (S)	ALU	07845203.4		EP	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 30-4-17 (S)	ALU	2009516550	JP4949468	JP	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Acharya 30-4-17 (S)	ALU	200780023199.8	ZL200780023199.8	CN	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 30-4-17 (S)	ALU	20087029756	KR101037045	KR	User Interface Methods And Apparatus For Roaming Access To Subscription Services	19.06.2007
Acharya 31-14-18 (S)	ALU	2010513194	JP5269893	JP	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
Acharya 31-14-18 (S)	ALU	200880020750.8	ZL200880020750.8	CN	Targeted Advertisement Insertion With Interface Device Assisted Switching	09.06.2008
Acharya 31-14-18 (S)	ALU	11/764472	US8949886	US	Targeted Advertisement Insertion With Interface Device Assisted Switching	18.06.2007
Acharya 33-1-19 (S)	ALU	12/197505	US8910197	US	Update Process For Interface Device Based Targarted Information Insertion	25.08.2008
Agazzi 9-12-4 (OE)	ALU	08/281879	US6389178	US	A Method Of Downsampling Documents	28.07.1994
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/518998	US6385302	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	03.03.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/518997	US6584307	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	03.03.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/499773	US6415018	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	08.02.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/659414	US6690932	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	11.09.2000
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/803832	US6819929	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	12.03.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	09/694559	US6587545	US	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	23.10.2000
Akyamac 1-6-37 (AA)	ALU	2011505023	JP5174235	JP	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Aiken 3-8 (RT)	ALU	09/671241	US6718184	US	Method And System For Adaptive Signal Processing For An Antenna Array	28.09.2000
Aiken 4-9 (RT)	ALU	09/557556	US6448937	US	Phased Array Antenna With Active Parasitic Elements	25.04.2000
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	GB	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	SE	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	FR	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Aksyuk 14-5-22-40-4-11 (VA)	ALU	09/197388	US6148124	US	Wavelength Division Multiplexed Optical Networks	20.11.1998
Ahmed 25-5-4-3 (W)	ALU	10/161812	US7395493	US	Systems And Methods For Adaptively Decoding Transmitted Frames	04.06.2002
Aiken 4-9 (RT)	ALU	00309811.8	EP1174946	DE	Phased Array Antenna With Active Parasitic Elements	06.11.2000
Aiken 4-9 (RT)	ALU	2001126825	JP3872658	JP	Phased Array Antenna With Active Parasitic Elements	25.04.2001
Akyamac 1-6-37 (AA)	ALU	12/169204	US8842984	US	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	08.07.2008
Akyamac 1-6-37 (AA)	ALU	6177/CHENP/2010		IN	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 1-6-37 (AA)	ALU	20107023016	KR101190535	KR	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Akyamac 1-6-37 (AA)	ALU	200980113342.1	ZL200980113342.1	CN	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
Allande 1-2-1-1 (DA)	ALU	09/756390	US6850755	US	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	08.01.2001
Allande 1-2-1-1 (DA)	ALU	02250084.7	EP1221807	FR	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	07.01.2002
Allande 1-2-1-1 (DA)	ALU	02250084.7	EP1221807	DE	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	07.01.2002
Allande 1-2-1-1 (DA)	ALU	02250084.7	EP1221807	GB	Transparent Billing And Display Of Multiple Directory Numbers In Wireless Telephone Systems	07.01.2002
Alexiou 2-1 (A)	ALU	10/392935	US7197082	US	Linear Transformation Of Symbols To At Least Partially Compensate For Correlation Between Antennas In Space Time Block Coded Systems	20.03.2003
Alexiou 2-1 (A)	ALU	10/621425	US7130580	US	Linear Transformation Of Symbols To At Least Partially Compensate For Correlation Between Antennas In Space Time Block Coded Systems	17.07.2003
Alexiou 4-2 (A)	ALU	10/620987	US7242724	US	Method And Apparatus For Transmitting Signals In A Multi-Antenna Mobile Communications System That Compensates For Channel Variations	16.07.2003
Alexiou 4-2 (A)	ALU	20040055520	KR101143332	KR	Method And Apparatus For Transmitting Signals In A Multi-Antenna Mobile Communications System That Compensates For Channel Variations	16.07.2004
Alexiou 4-2 (A)	ALU	2004209744	JP4574258	JP	Method And Apparatus For Transmitting Signals In A Multi-Antenna Mobile Communications System That Compensates For Channel Variations	16.07.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Alexiou 6-1 (A)	ALU	2008526978	JP5314424	JP	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	11/204775	US7907911	US	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	16.08.2005
Alexiou 6-1 (A)	ALU	20077030835	KR101268728	KR	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	200680023421.X	ZL200680023421.X	CN	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	5968/CHENP/2007	IN273737	IN	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Axelson 1-1-3-1-1 (JW)	ALU	09/501921	US6493549	US	Over The Air Parameter Administration For Mobile Telecommunications Stations	10.02.2000
Andrews 1-7-1-1-6-1 (DM)	ALU	09/112547	US6496490	US	Method For Dynamically Allocating Carriers In A Wireless Packet Network, With Reuse Of Carriers	09.07.1998
Andrews 1-7-1-1-6-1 (DM)	ALU	195221/1999	JP3435100	JP	Method For Dynamically Allocating Carriers In A Wireless Packet Network, With Reuse Of Carriers	09.07.1999
Antonucci 1-1-1-2-1-7 (JT)	ALU	2381317	CA2381317	CA	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	01905460.0		EP	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	2383380	CA2383380	CA	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	2383385	CA2383385	CA	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Antonucci 1-1-1-2-1-7 (JT)	ALU	01908896.2		EP	Improved Telecommunication System And Method For Handling Special Number Calls Having Geographic Sensitivity	06.02.2001
Andrews 6-2-3-6-2 (DM)	ALU	09/726192	US7020698	US	Improved System And MethodFor Managing The DistributionOf Web Content In ComputerNetworks	29.11.2000
Ascend 5	ALU	08/919824	US5991297	US	Independently Sizeable Memory Pages for a Plurality of Connection ID Types in a Network Switch	28.08.1997
August 26-9-50 (KG)	ALU	09/653810	US7433836	US	Information And Communication System	01.09.2000
Ascend 2	ALU	09/049510	US5905730	US	High Speed Packet Scheduling Method and Apparatus	27.03.1998
Ascend 2	ALU	09/049511	US5850399	US	High Speed Packet Scheduling Method and Apparatus	27.03.1998
Baillargeon 10-58-96-12-11-23-4-27-8 (JN)	ALU	09/448929	US6326646	US	Mounting Technology For Intersubband Light Emitters	24.11.1999
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	09/566348	US6563852	US	Self-Mode-Locking Quantum Cascade Laser	08.05.2000
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01117441.2	ZL01117441.2	CN	Self-Mode-Locking Quantum Cascade Laser	28.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01303946.6	EP1154532	GB	Self-Mode-Locking Quantum Cascade Laser	30.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01303946.6	EP1154532	FR	Self-Mode-Locking Quantum Cascade Laser	30.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	01303946.6	EP1154532	DE	Self-Mode-Locking Quantum Cascade Laser	30.04.2001
Baillargeon 11-61-99-14-25-1-30 (JN)	ALU	2001136193	JP3785057	JP	Self-Mode-Locking Quantum Cascade Laser	07.05.2001
Bajaj 1-1-27-1 (C)	ALU	09/383836	US6438266	US	Compression And Progressive Transmission Of Arbitrary Polygonal Meshes	26.08.1999
Balachandran 11-16-38 (K)	ALU	09/650787	US7006477	US	A Method For Interleaving Of Half Rate Channels Suitable For Half Duplex Operation And Statistical Multiplexing	30.08.2000
Baden 2-1-1-1 (CCE)	ALU	309311/1998	JP3613379	JP	Asymmetric Multiple Access Protocol For A Communication System	30.10.1998
Baden 2-1-1-1 (CCE)	ALU	09/183562	US6353598	US	Asymmetric Multiple Access Protocol For A Communication System	30.10.1998
Baden 2-1-1-1 (CCE)	ALU	89586/98	AU727429	AU	Asymmetric Multiple Access Protocol For A Communication System	28.10.1998
Baden 2-1-1-1 (CCE)	ALU	19980046524	KR362303	KR	Asymmetric Multiple Access Protocol For A Communication System	28.10.1998
Balachandran 12-39-15 (K)	ALU	09/650792	US6996083	US	Burst Based Access And Assignment Method For Providing Real-Time Services	30.08.2000
Balachandran 12-39-15 (K)	ALU	89126147	TWNI-158333	TW	Burst Based Access And Assignment Method For Providing Real-Time Services	08.12.2000

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Baillargeon 6-52-84-5-17-21-3 (JN)	ALU	09/096701	US6137817	US	Quantum Cascade Laser	12.06.1998
Baillargeon 6-52-84-5-17-21-3 (JN)	ALU	164562/1999	JP3717712	JP	Quantum Cascade Laser	11.06.1999
Bauer 2-4 (MG)	ALU	05251917.0	EP1708446	DE	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.03.2005
Bauer 2-4 (MG)	ALU	05251917.0	EP1708446	GB	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.03.2005
Bauer 2-4 (MG)	ALU	05251917.0	EP1708446	FR	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.03.2005
Bachl 23-23-23 (RW)	ALU	11/424947	US7664467	US	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	19.06.2006
Bachl 23-23-23 (RW)	ALU	2009101383	RU2458467	RU	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	07809615.3		EP	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	20087030796	KR101059003	KR	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	96121613	TWI431973	TW	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	PI0713003.1		BR	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	2007261551	AU2007261551	AU	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bachl 23-23-23 (RW)	ALU	195968	IL195968	IL	Method For Coordinated Control Of Radio Resources For Multicasting In A Distributed Wireless System	14.06.2007
Bauer 2-4 (MG)	ALU	200510126918.1	ZL10126918.1	CN	Managing Internet Protocol Based Resources In A Packet-Based Access Network	28.11.2005
Balachandran 16-21-45 (K)	ALU	09/573017	US6557135	US	Cycling Through Entirety Of Error-Indicating Acknowledgement Information	17.05.2000
Balachandran 18-10-25-3-51 (K)	ALU	09/847567	US7068619	US	Radio Link Control With Limited Retransmissions For Streaming Services	02.05.2001
Balachandran 18-10-25-3-51 (K)	ALU	644/MAS/2001	IN219225	IN	Radio Link Control With Limited Retransmissions For Streaming Services	03.08.2001
Balachandran 18-10-25-3-51 (K)	ALU	2001182690	JP4979858	JP	Radio Link Control With Limited Retransmissions For Streaming Services	18.06.2001
Banerjee 3-22-21 (S)	ALU	09/518301	US6501870	US	System And Method For Reducing Effects Of Optical Impairments In Optically Amplified Lightwave Communication Systems	03.03.2000
Balachandran 31-16-28-4-1 (K)	ALU	10/413382	US7349338	US	Scheduler And Method For Scheduling Transmissions In A Communication Network	15.04.2003
Balachandran 31-16-28-4-1 (K)	ALU	05024803.8	EP1643697	FR	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024803.8	EP1643697	DE	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024803.8	EP1643697	GB	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024802.0	EP1643696	GB	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024802.0	EP1643696	FR	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	05024802.0	EP1643696	DE	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
Balachandran 31-16-28-4-1 (K)	ALU	2004119696	JP4607486	JP	Scheduler And Method For Scheduling Transmissions In A Communication Network	15.04.2004
Balachandran 31-16-28-4-1 (K)	ALU	20040024593	KR101038227	KR	Scheduler And Method For Scheduling Transmissions In A Communication Network	09.04.2004
Barclay 17-76-15-15-14 (DL)	ALU	10/837088	US7570743	US	Method and Apparatus for Surveillance of Voice Over Internet Protocol Communications	30.04.2004
Baroni 1-44-22-9-2-1 (S)	ALU	09/468714	US6662308	US	Dual-Homing Select Architecture	21.12.1999
Bao 11-2 (Z)	ALU	09/394524	US6489044	US	Process For Fabricating Polarized Organic Photonics Devices, And Resultant Articles	10.09.1999
Beaumont 1-7-1-1 (LR)	ALU	09/851267	US6959333	US	Technique For Content Delivery Over The Internet	08.05.2001
Batni 22-4-40-10 (RP)	ALU	2009123228	RU2474971	RU	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	096142562	TWI501618	TW	Providing An Advertisement To A Calling Party Before Ringback	09.11.2007

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Batni 22-4-40-10 (RP)	ALU	2009538387	JP5178735	JP	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	2007322099	AU2007322099	AU	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	PI0718889.7		BR	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	MX/a/2009/005137	MX298649	MX	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Batni 22-4-40-10 (RP)	ALU	11/561769	US8385514	US	Providing An Advertisement To A Calling Party Before Ringback	20.11.2006
Batni 22-4-40-10 (RP)	ALU	2743/CHENP/2009	IN270949	IN	Providing An Advertisement To A Calling Party Before Ringback	15.11.2007
Bauer 2-4 (MG)	ALU	20050114879	KR101184185	KR	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.11.2005
Bauer 2-4 (MG)	ALU	2005343073	JP4856418	JP	Managing Internet Protocol Based Resources In A Packet-Based Access Network	29.11.2005
Bemmel 5-1-2 (Jv)	ALU	10/955150	US8180036	US	Method And Apparatus For Accessing Missed Call Information	30.09.2004
Benitez Pelaez 16-14-8-5 (M)	ALU	10/827039	US7512090	US	System And Method For Routing Calls In A Wireless Network Using A Single Point Of Contact	19.04.2004
Bejerano 11-6-5 (Y)	ALU	11/205768	US7836181	US	Fairness And Load Balancing In Wireless LANs Using Association Control	17.08.2005
Benco 158-78-116-142-77 (DS)	ALU	11/440906	US7515042	US	Mobile Surveillance	25.05.2006
Benco 163-68-121-148 (DS)	ALU	11/408304	US7965998	US	Network Support For Handset Data Protection	21.04.2006
Bedekar 1-11-2-4-2 (AS)	ALU	09/454039	US6763009	US	Down-Link Transmission Scheduling In CDMA Data Networks	03.12.1999
Bemmel 9 (Jv)	ALU	05256095.0	EP1650930	DE	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	29.09.2005
Bemmel 9 (Jv)	ALU	05256095.0	EP1650930	GB	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	29.09.2005
Bemmel 9 (Jv)	ALU	05256095.0	EP1650930	FR	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	29.09.2005
Bemmel 9 (Jv)	ALU	10/970350	US7877786	US	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	21.10.2004
Bemmel 9 (Jv)	ALU	2005306494	JP5367936	JP	Method, Apparatus And Network Architecture For Enforcing Security Policies Using An Isolated Subnet	21.10.2005
Benco 54-40-40-49-40 (DS)	ALU	10/739654	US7949329	US	Network Support For Mobile Handset Anti-Virus Protection	18.12.2003
Benco 6-1-1-1-1 (DS)	ALU	10/411807	US7133700	US	Wireless Visual Alerting Method And System	11.04.2003
Benco 8-2-36 (DS)	ALU	10/376161	US6940960	US	Selective Conference Call Disconnect	27.02.2003
Benning 17-14-14-8 (RD)	ALU	09/918086	US6980778	US	Split Shift Phase Sweep Transmit Diversity	30.07.2001
Bendinelli 1-3 (SJ)	ALU	08/965633	US6061719	US	Synchronized Presentation Of Television Programming And WWW Content	06.11.1997
Benesty 8-4 (J)	ALU	09/603652	US6377682	US	A Robust Adaptive Filter For Use In Acoustic And Network Echo Cancellation	26.06.2000
Bernstein 2-2 (NE)	ALU	09/149327	US6285664	US	Method And Apparatus For Estimating Pilot Coverage	08.09.1998
Bernstein 1-1-12-9-2-9 (NE)	ALU	09/048626	US6252861	US	Methods And Apparatus For Inter-Frequency Handoff In A Wireless Communication System	26.03.1998
Bernstein 1-1-12-9-2-9 (NE)	ALU	88104431	TW131829	TW	Methods And Apparatus For Inter-Frequency Handoff In A Wireless Communication System	20.03.1999
Bernstein 1-1-12-9-2-9 (NE)	ALU	09/888913	US6574203	US	Methods And Apparatus For Inter-Frequency Handoff In A Wireless Communication System	25.06.2001
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	DE	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	GB	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	SE	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	FI	Method And Apparatus For Estimating Pilot Coverage	31.08.1999
Boettcher 4-11-10-17-1-7 (CW)	ALU	10/654977	US7453945	US	Methods And Devices For Controlling RF, Multi-Carrier Amplifier Signal Power	05.09.2003
Bernstein 2-2 (NE)	ALU	99306917.8	EP0986276	FR	Method And Apparatus For Estimating Pilot Coverage	31.08.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Bernstein 2-2 (NE)	ALU	11253018	JP4184551	JP	Method And Apparatus For Estimating Pilot Coverage	07.09.1999
Bernstein 2-2 (NE)	ALU	19990038066	KR511144	KR	Method And Apparatus For Estimating Pilot Coverage	08.09.1999
Bhandari 3-16-5 (R)	ALU	10/797915	US7483448	US	Method And System For The Clock Synchronization Of Network Terminals	10.03.2004
Bhandari 3-16-5 (R)	ALU	2005066767	JP4856382	JP	Method And System For The Clock Synchronization Of Network Terminals	10.03.2005
Bhandari 3-16-5 (R)	ALU	20050018230	KR101126091	KR	Method And System For The Clock Synchronization Of Network Terminals	04.03.2005
Bhandari 3-16-5 (R)	ALU	200510052736.4	ZL10052736.4	CN	Method And System For The Clock Synchronization Of Network Terminals	09.03.2005
Blahut 44 (DE)	ALU	09/356978	US6796555	US	Video Controller	19.07.1999
Blahut 44 (DE)	ALU	2000217061	JP4812158	JP	Video Controller	18.07.2000
Blahut 46-20 (DE)	ALU	2000217060	JP4652532	JP	Ranging Arrangement And Method For TDMA Communications	18.07.2000
Blahut 46-20 (DE)	ALU	09/356980	US6807188	US	Ranging Arrangement And Method For TDMA Communications	19.07.1999
Blahut 46-20 (DE)	ALU	10/897914	US7366196	US	Ranging Arrangement And Method For TDMA Communications	23.07.2004
Bitar 4-8-2 (N)	ALU	10/838788	US7304944	US	Unified Scheduling And Queueing Architecture For A Multiservice Switch	03.05.2004
Blyler 47-10-81-9-23 (LL)	ALU	09/363542	US6361219	US	End Finishing Of Plastic Optical Fibers Using Laser Ablation	29.07.1999
Blyler 47-10-81-9-23 (LL)	ALU	00306066.2	EP1075926	DE	End Finishing Of Plastic Optical Fibers Using Laser Ablation	17.07.2000
Blyler 47-10-81-9-23 (LL)	ALU	00306066.2	EP1075926	GB	End Finishing Of Plastic Optical Fibers Using Laser Ablation	17.07.2000
Bruno 7-4-14-22-51-1 (JL)	ALU	09/450036	US6675229	US	Methods And Apparatus For Providing Quality Of Service For Legacy Applications	29.11.1999
Bohannon 14 (PL)	ALU	10/651740	US6847856	US	Method For Determining Juxtaposition Of Physical Components With Use Of RFID Tags	29.08.2003
Bond 6-9-11 (AE)	ALU	09/588427	US6376272	US	InA1As Etch Stop Layer For Precise Semiconductor Waveguide Fabrication	06.06.2000
Bu 1-2-28 (T)	ALU	10/762391	US7991852	US	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	22.01.2004
Boylan 6-7-8 (JJ)	ALU	09/090430	US5929618	US	System And Method Synchronizing And Interleaving Power Modules	04.06.1998
Boland 2-1-2-6-2 (RR)	ALU	09/153319	US6353621	US	Method To Allow Seamless Service To Mobile Subscribers Across Various Mobile Switching Centers Supporting Multiple Intersystem Standards	15.09.1998
Boland 9-26 (RR)	ALU	11/030215	US7460858	US	System For Providing Message Waiting Notification Updates In A Cellular Communication Network	05.01.2005
Boland 9-26 (RR)	ALU	10/610174	US7151923	US	System For Providing Message Waiting Notification Updates In A Cellular Communication Network	30.06.2003
Cai 133-17 (Y)	ALU	08796888.9		EP	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	2011521078	JP5117616	JP	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	200880130595.5	ZL200880130595.5	CN	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	12/999575	US8483135	US	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 133-17 (Y)	ALU	20117002105	KR101262689	KR	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Cai 134-37 (Y)	ALU	208478	IL208478	IL	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	MX/a/2010/011239	MX310148	MX	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	2009238677	AU2009238677	AU	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	2010147446	RU2452134	RU	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	098112654	TWI466563	TW	Charging In LTE/EPC Communication Networks	16.04.2009
Cai 134-37 (Y)	ALU	6272/CHENP/2010		IN	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	PI0911302-9		BR	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	12/107507	US8116728	US	Charging In LTE/EPC Communication Networks	22.04.2008
Cai 134-37 (Y)	ALU	20107023714	KR101195362	KR	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 135-38 (Y)	ALU	20107023029	KR101195691	KR	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	2010146386	RU2451418	RU	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	2009236665	AU2009236665	AU	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	6129/CHENP/2010		IN	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 135-38 (Y)	ALU	098110675	TWI456941	TW	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	31.03.2009

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Cai 137-18 (Y)	ALU	2010153374	RU2454030	RU	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	209206	IL209206	IL	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	Mx/a/2010/012806	MX308845	MX	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	2008356856	AU2008356856	AU	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	7321/CHENP/2010		IN	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	2011511580	JP5269985	JP	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	PI0822731-4		BR	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 137-18 (Y)	ALU	08874507.0		EP	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Brassil 4-1-6 (JT)	ALU	09/398979	US6771644	US	Program Insertion In Real Time IP Multicast	17.09.1999
Cai 135-38 (Y)	ALU	12/104145	US8175575	US	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	16.04.2008
Cai 137-18 (Y)	ALU	12/989621		US	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Cai 38-4-5 (Y)	ALU	05257715.2	EP1675333	DE	Detection Of Unwanted Messages (SPAM)	15.12.2005
Cai 38-4-5 (Y)	ALU	20050127299	KR101186743	KR	Detection Of Unwanted Messages (SPAM)	21.12.2005
Cai 38-4-5 (Y)	ALU	200510137704.4	ZL10137704.4	CN	Detection Of Unwanted Messages (SPAM)	20.12.2005
Cai 38-4-5 (Y)	ALU	11/018269	US8396927	US	Detection Of Unwanted Messages (SPAM)	21.12.2004
Bright 7-11-6-13 (PL)	ALU	10/417517	US7206574	US	Automated Exchange Of Broadband Communication Addresses Over A Non-Broadband Channel In A Wireless Telecommunication System	17.04.2003
Cai 38-4-5 (Y)	ALU	05257715.2	EP1675333	GB	Detection Of Unwanted Messages (SPAM)	15.12.2005
Cai 38-4-5 (Y)	ALU	05257715.2	EP1675333	FR	Detection Of Unwanted Messages (SPAM)	15.12.2005
Cai 46-4-4-5 (Y)	ALU	11/190731	US7940904	US	Converged Offline Charging And Online Charging	27.07.2005
Cai 46-4-4-5 (Y)	ALU	20077030024	KR101280214	KR	Converged Offline Charging And Online Charging	23.06.2006
Cai 46-4-4-5 (Y)	ALU	2008518496	JP4833284	JP	Converged Offline Charging And Online Charging	23.06.2006
Cai 46-4-4-5 (Y)	ALU	200510079123.X	ZL10079123.X	CN	Converged Offline Charging And Online Charging	24.06.2005
Cai 118 (Y)	ALU	11/850537	US8189752	US	Per-Session Dynamic Charging Caps In Communication Networks	05.09.2007
Cai 121-39 (Y)	ALU	20107006690	KR101045706	KR	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	1607/CHENP/2010		IN	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	097134430	TWI469571	TW	Charging For Roaming Users In IMS Networks	08.09.2008
Cai 121-39 (Y)	ALU	2010116349	RU2439822	RU	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	204671	IL204671	IL	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	11/862413	US7945241	US	Charging For Roaming Users In IMS Networks	27.09.2007
Cai 121-39 (Y)	ALU	2010526896	JP4991010	JP	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	200880108896.8	ZL200880108896.8	CN	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	2008305725	AU2008305725	AU	Charging For Roaming Users In IMS Networks	15.09.2008
Buddhikot 13-21-1 (MM)	ALU	11/772140	US8532023	US	Interference Aware Routing In Multi-Radio Wireless Mesh Networks	30.06.2007
Carlbom 10-7-3-10 (IB)	ALU	10/167533	US7580912	US	Performance Data Mining Based On Real-Time Analysis Of Sensor Data	12.06.2002
Byers 43-5 (CC)	ALU	2002237297	JP4065390	JP	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	16.08.2002
Byers 43-5 (CC)	ALU	2396605	CA2396605	CA	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	01.08.2002
Byers 43-5 (CC)	ALU	02255515.5	EP1284431	FR	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	07.08.2002
Byers 43-5 (CC)	ALU	02255515.5	EP1284431	DE	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	07.08.2002
Byers 43-5 (CC)	ALU	09/932706	US7162158	US	Interconnecting Processing Units Of A Stored Program Controlled System Using Space Division Multiplexed Free Space Optics	17.08.2001
Busschbach 1-9 (PB)	ALU	09/121148	US6202170	US	Equipment Protection System	23.07.1998
Byers 44-6 (CC)	ALU	09/932707	US7110679	US	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	17.08.2001

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Byers 44-6 (CC)	ALU	02254818.4	EP1291693	FR	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	09.07.2002
Byers 44-6 (CC)	ALU	02254818.4	EP1291693	DE	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	09.07.2002
Byers 44-6 (CC)	ALU	02254818.4	EP1291693	GB	Installation Of Processing Units Into A Stored Program Controlled System Wherein The Component Processing Units Are Interconnected Via Free Space Optics	09.07.2002
Bu 2-3-32 (T)	ALU	11/093457	US7515926	US	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	30.03.2005
Bu 2-3-32 (T)	ALU	06251054.0	EP1708538	DE	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	28.02.2006
Bu 2-3-32 (T)	ALU	06251054.0	EP1708538	GB	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	28.02.2006
Bu 2-3-32 (T)	ALU	06251054.0	EP1708538	FR	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	28.02.2006
Bu 2-3-32 (T)	ALU	200610068343.7	ZL10068343.7	CN	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	29.03.2006
Bu 2-3-32 (T)	ALU	200693315	JP4891641	JP	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	30.03.2006
Bu 2-3-32 (T)	ALU	20060028985	KR101187720	KR	Detection Of Power-Drain Denial-Of-Service Attacks In Wireless Networks	30.03.2006
Bu 3-4-33 (T)	ALU	11/094416		US	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	31.03.2005
Bu 3-4-33 (T)	ALU	2008504141	JP4994359	JP	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	21.03.2006
Bu 3-4-33 (T)	ALU	20077022059	KR101235099	KR	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	27.09.2007
Burch 2-9 (HJ)	ALU	09/901286	US7356689	US	Method And Apparatus For Tracing Packets In A Communications Network	09.07.2001
Budka 28-3 (KC)	ALU	10715443.7		EP	A Method And A System For Targeted And Well-Timed Free Application/Service Offers For Mobile Users	20.04.2010
Byers 39-1 (CC)	ALU	09/932703	US6993260	US	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	17.08.2001
Byers 39-1 (CC)	ALU	02254778.0	EP1284429	GB	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	09.07.2002
Byers 39-1 (CC)	ALU	02254778.0	EP1284429	FR	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	09.07.2002
Byers 39-1 (CC)	ALU	02254778.0	EP1284429	DE	Interconnecting Processing Units Of A Stored Program Controlled System Using Free Space Optics	09.07.2002
Cai 72-27 (Y)	ALU	11/438175	US7962120	US	Allocation Of Internet Protocol (IP) Multimedia Subsystem (IMS) Charges	22.05.2006
Cao 8-5-1 (Q)	ALU	41167/99	AU719179	AU	Transmission Power Control For Packet Switched Communications Systems	27.07.1999
Cao 8-5-1 (Q)	ALU	19990030548	KR0343488	KR	Transmission Power Control For Packet Switched Communications Systems	27.07.1999
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	FR	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	11212628	JP3563302	JP	Transmission Power Control For Packet Switched Communications Systems	27.07.1999
Cao 8-5-1 (Q)	ALU	09/359264	US6647005	US	Transmission Power Control For Packet Switched Communications Systems	22.07.1999
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	ES	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	DE	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	IT	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	FI	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Cao 8-5-1 (Q)	ALU	98306013.8	EP0977370	GB	Transmission Power Control For Packet Switched Communications Systems	28.07.1998
Capasso 54-86-16-7-19-13-23 (F)	ALU	99305717.3	EP0977329	DE	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	20.07.1999
Capasso 54-86-16-7-19-13-23 (F)	ALU	99305717.3	EP0977329	GB	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	20.07.1999

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Capasso 54-86-16-7-19-13-23 (F)	ALU	99305717.3	EP0977329	FR	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	20.07.1999
Cai 47-1-2-1-6 (Y)	ALU	2008518444	JP4829296	JP	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	20077030022	KR101259721	KR	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	5845/CHENP/2007		IN	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Capasso 54-86-16-7-19-13-23 (F)	ALU	11212626	JP3545970	JP	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	27.07.1999
Capasso 59-97-12-24-28-9 (F)	ALU	2001046367	JP3848841	JP	Distributed Feedback Surface Plasmon Laser	22.02.2001
Capasso 59-97-12-24-28-9 (F)	ALU	09/512566	US6501783	US	Distributed Feedback Surface Plasmon Laser	24.02.2000
Capasso 59-97-12-24-28-9 (F)	ALU	01104917.0	ZL01104917.0	CN	Distributed Feedback Surface Plasmon Laser	23.02.2001
Cai 47-1-2-1-6 (Y)	ALU	200510079122.5	ZL200510079122.5	CN	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	24.06.2005
Cai 48 (Y)	ALU	11/261342	US7457609	US	Methods And Systems For Controlling Services Provided To Shared Plan Subscribers	28.10.2005
Capasso 54-86-16-7-19-13-23 (F)	ALU	09/124295	US6301282	US	Long Wavelength Semiconductor Lasers Incorporating Waveguides Based On Surface Plasmons	29.07.1998
Capasso 60-98-13-13-1-29-10 (F)	ALU	09/512757	US6400744	US	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	25.02.2000
Capasso 60-98-13-13-1-29-10 (F)	ALU	2000324946	JP3833463	JP	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	25.10.2000
Capasso 60-98-13-13-1-29-10 (F)	ALU	00307623.9	EP1137133	GB	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	04.09.2000
Capasso 60-98-13-13-1-29-10 (F)	ALU	00307623.9	EP1137133	FR	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	04.09.2000
Cai 55-2-2-4-1-10 (Y)	ALU	20087018087	KR101395389	KR	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Cai 55-2-2-4-1-10 (Y)	ALU	2008551463	JP5404053	JP	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
Cai 55-2-2-4-1-10 (Y)	ALU	200610006044.0	ZL200610006044.0	CN	IMS Budget Control For A Media Change During An IMS Session	24.01.2006
Capasso 60-98-13-13-1-29-10 (F)	ALU	00307623.9	EP1137133	DE	Apparatus Comprising A Quantum Cascade Laser Having Improved Distributed Feedback For Single-Mode Operation	04.09.2000
Cao 2-2-1 (X)	ALU	09/991231	US6819157	US	Delay Compensation Circuit	15.11.2001
Cai 55-2-2-4-1-10 (Y)	ALU	11/369132	US8295456	US	IMS Budget Control For A Media Change During An IMS Session	06.03.2006
Capasso 67-106-30-3-36-1 (F)	ALU	10/081313	US6690699	US	Quantum Cascade Laser With Relaxation-Stabilized Injection	21.02.2002
Capasso 71-111-4-25-1-40 (F)	ALU	10/261423	US6816530	US	Nonlinear Semiconductor Light Sources	30.09.2002
Chiussi 23-1-2-11-1 (FM)	ALU	2002000601	JP3953819	JP	Method and Apparatus for Hierarchical Bandwidth Distribution in a Packet Network	07.01.2002
Chambers 10-1-8-3-10 (MD)	ALU	11/172659	US7236791	US	Radio Channel Allocation For National Security And Emergency Preparedness Calls	30.06.2005
Chambers 14 (MD)	ALU	11/398045	US8045973	US	Mobile Device Subject To A Communication Restriction Responding To A Priority Call	05.04.2006
Chiussi 23-1-2-11-1 (FM)	ALU	10/008425	US7075934	US	Method and Apparatus for Hierarchical Bandwidth Distribution in a Packet Network	13.11.2001
Chiu 4-1-6-1 (Y)	ALU	09/239117	US6366705	US	Perceptual Preprocessing Techniques To Reduce Complexity Of Video Coders	28.01.1999
Chakrabarti 1-2 (S)	ALU	09/086400	US6163692	US	Telecommunication Network With Mobile Voice Conferencing System And Method	28.05.1998
Chandrasekhar 10-2 (S)	ALU	09/528979	US6400860	US	Wavelength Selective Polarization Beam Splitter/Combiner	21.03.2000
Chandrasekhar 18-8 (S)	ALU	10/855449	US7333553	US	Tunable Duobinary Transmitter	27.05.2004
Chan 1-4-2-4-2-8 (CK)	ALU	10/648628	US7363528	US	Brink Of Failure And Breach Of Security Detection And Recovery System	25.08.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Chen 25-2 (Y)	ALU	10/133469	US7146109	US	Analog Modulation Of Optical Signals	26.04.2002
Chen 30-4 (Y)	ALU	10/674722	US7292792	US	High Speed Modulation Of Optical Subcarriers	30.09.2003
Chen 33-4-6 (Y)	ALU	10/859894	US7190047	US	Transistors And Methods For Making The Same	03.06.2004
Claussen 9 (H)	ALU	11/095351	US7299069	US	Adapting A Communications Network Of Wireless Access Nodes To A Changing Environment	31.03.2005
Chen 2-3 (F)	ALU	10/621324	US7697417	US	Methods And Devices For Re-Routing Traffic	18.07.2003
Chen 44-9-15 (Y)	ALU	20077030837	KR100933381	KR	COHERENT PHASE-SHIFT-KEYING	02.08.2006
Chen 44-9-15 (Y)	ALU	11/204607	US7747177	US	COHERENT PHASE-SHIFT-KEYING	15.08.2005
Chen 30-4 (Y)	ALU	200410047664.X	ZL10047664.X	CN	High Speed Modulation Of Optical Subcarriers	28.05.2004
Chen 30-4 (Y)	ALU	2004158480	JP4541033	JP	High Speed Modulation Of Optical Subcarriers	28.05.2004
Chen 50-3-15-22 (Y)	ALU	11/644536	US8073345	US	Frequency Estimation In An Intradyne Optical Receiver	22.12.2006
Cheng 15-14 (F)	ALU	11/194063	US8054826	US	Controlling Service Quality Of Voice Over Internet Protocol On A Downlink Channel High-Speed Wireless Data Networks	29.07.2005
Chen 2-18-3 (J)	ALU	09/053407	US6154093	US	Fast Adaptive Wideband Power Amplifier Feed Forward Linearizer Using A RLS Parameter Tracking Algorithm	01.04.1998
Chin 5-17 (MW)	ALU	10/340707	US7302250	US	Method Of Recognizing Fraudulent Wireless Emergency Service Calls	13.01.2003
Costa 3-1-1 (RS)	ALU	09/168448	US6092588	US	Mounting Bracket With Integral Heat Sink Capabilities	08.10.1998
Costa 3-1-1 (RS)	ALU	09/118239	US5960865	US	Mounting Bracket With Integral Heat Sink Capabilities	17.07.1998
Chu 3-3-4-1 (TP)	ALU	10/357358	US7872991	US	Methods And Procedures In Providing MPLS-Based Layer-2 Virtual Private Network Services	04.02.2003
Chraplyvy 25-79 (AR)	ALU	09/231033	US6580536	US	Power And Wavelength Management For Mixed-Rate Optical Data Systems	14.01.1999
Chuah 12 (MC)	ALU	291775/1998	JP3443340	JP	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	14.10.1998
Chuah 12 (MC)	ALU	98308330.4	EP0915592	FR	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	13.10.1998
Chuah 12 (MC)	ALU	98308330.4	EP0915592	DE	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	13.10.1998
Chuah 12 (MC)	ALU	09/083792	US6226277	US	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	22.05.1998
Chuah 12 (MC)	ALU	98308330.4	EP0915592	GB	Method For Admitting New Connections Based On Usage And Priorities In A Multiple Access System For Communications Networks	13.10.1998
Chuah 29-1-4-20 (MC)	ALU	09/264053	US6993021	US	Lightweight Internet Protocol Encapsulation (LIPE) Scheme For Multimedia Traffic Transport	08.03.1999
Chuah 36-6-6 (MC)	ALU	09/138677	US6577643	US	Message And Communication System In Network	24.08.1998
Chuah 55 (MC)	ALU	09/935023	US7346023	US	Reconfigurable Wireless Communication Access System And Method	22.08.2001
Chuah 76-11 (MC)	ALU	10/723591	US7330699	US	Power Allocation For MBMS Users Using Mixed FACH And DCH Approach	26.11.2003
Dajer 5-4-4 (M)	ALU	09/311159	US6446147	US	Wired-Or Connection in Differential Transmission Environment	13.05.1999
Dagdeviren 17-17-5-23 (NR)	ALU	09/017592	US6519291	US	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	03.02.1998
Dagdeviren 17-17-5-23 (NR)	ALU	99300563.6	EP0933897	FR	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	26.01.1999
Dagdeviren 17-17-5-23 (NR)	ALU	99300563.6	EP0933897	DE	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	26.01.1999
Dagdeviren 17-17-5-23 (NR)	ALU	99300563.6	EP0933897	GB	Reduction Of Interference In Discrete Multi-Tone (DMT) Based Communications Systems	26.01.1999
Costa 4-2-3 (RS)	ALU	09/118746	US6045103	US	Multiple Axis Bracket With Keyed Mount	17.07.1998
DeFelice 2-4 (RA)	ALU	09/498006	US6414884	US	Method And Apparatus For Securing Electronic Circuits	04.02.2000
DeFelice 3-10 (RA)	ALU	09/327936	US6014011	US	Battery Charging System For Portable Electronic Devices	08.06.1999
Cyr 3 (BL)	ALU	08/957281	US6223055	US	Wireless Office Architecture And Method Of Operation Thereof	24.10.1997
Cunningham 43 (JE)	ALU	09/740446	US6434180	US	Vertical Cavity Surface Emitting Laser (VCSEL)	19.12.2000
DiGiovanni 52-4-1-16 (DJ)	ALU	09/847034	US6542679	US	Method Of Making An Improved Multimode Optical Fiber And Fiber Made By Method	01.05.2001
Ding 2-11-4-17-12 (L)	ALU	10/673223	US7471736	US	Frequency Based Modulator Compensation	30.09.2003
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	10/941050	US7676223	US	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	10/941067	US7499437	US	Base Station Router For Use In A Wireless Communications System	13.09.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	10/941066	US7263371	US	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	04784084.8		EP	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	20077008421	KR101164807	KR	Base Station Router For Use In A Wireless Communications System	13.09.2004
Das 2-6-9-3-4-9-24-18-5 (S)	ALU	2007531148	JP4733703	JP	Base Station Router For Use In A Wireless Communications System	13.09.2004
Daoud 192 (BH)	ALU	09/391019	US6307999	US	Fiber-Optic Cable Routing And Separating Device	07.09.1999
Daoud 193 (BH)	ALU	09/391020	US6285815	US	High Density Fusion Splice Holder	07.09.1999
Daoud 225 (BH)	ALU	09/386765	US6275641	US	Fiber Tray Insertion Apparatus And Method	31.08.1999
Daoud 235 (BH)	ALU	09/397888	US6259851	US	High Density Fiber Splice Holder	17.09.1999
Dragone 59 (CP)	ALU	09/396861	US6594054	US	Filtering System For Eliminating Dispersion And Method For Doing Same	15.09.1999
Dragone 73 (CP)	ALU	10/421571	US6907160	US	Apparatus For Filtering Optical Signals	23.04.2003
Devine 2-1-1 (JM)	ALU	10/609111	US7176739	US	Circuit To Improve Data Bus Performance	26.06.2003
Devine 5 (JM)	ALU	11/905251	US7646112	US	Parallel Supply Current Sharing Using Thermal Feedback	28.09.2007
Doerr 31-60-32-56 (CR)	ALU	09/400240	US6549313	US	Broadband Electronic NxN Cross-Connect Switch Using Tunable Lasers	21.09.1999
Doerr 47 (CR)	ALU	09/798501	US7330659	US	Wavelength Filter That Operates On Sets Of Wavelength Channels	02.03.2001
Doerr 47 (CR)	ALU	2002050785	JP4832700	JP	Wavelength Filter That Operates On Sets Of Wavelength Channels	27.02.2002
Doerr 63 (CR)	ALU	10/387620	US7006730	US	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	13.03.2003
Doerr 63 (CR)	ALU	03808939.4	ZL03808939.4	CN	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	2479178	CA2479178	CA	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	03744663.0		EP	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	20047014551	KR100990626	KR	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	2003577007	JP4359149	JP	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Doerr 63 (CR)	ALU	2634293	CA2634293	CA	Multichannel Integrated Tunable Dispersion Compensator Employing A Thermooptic Lens	14.03.2003
Dorrer 10-30 (CJ)	ALU	10/835023	US7336728	US	Method And Apparatus For Monitoring Phase-Shift Keyed Optical Signals	29.04.2004
Doshi 33-17-10 (BT)	ALU	09/026830	US6219339	US	Method And Apparatus For Selectively Discarding Packets	20.02.1998
Dorrer 22-27 (CJ)	ALU	11/245760	US7321454	US	Apparatus For Modulating One Or Both Of Spectral Phase And Amplitude Of An Optical Signal	07.10.2005
Doerr 105 (CR)	ALU	11/163422	US7433560	US	Rectangular-Passband Multiplexer	18.10.2005
Doerr 105 (CR)	ALU	1777/CHENP/2008	IN278150	IN	Rectangular-Passband Multiplexer	18.10.2006
Doerr 105 (CR)	ALU	2008536760	JP5106405	JP	Rectangular-Passband Multiplexer	18.10.2006
Doerr 79 (CR)	ALU	10/664340	US6941045	US	Tunable Dispersion Compensator	17.09.2003
Doerr 79 (CR)	ALU	04255426.1	EP1517462	FR	Tunable Dispersion Compensator	07.09.2004
Doerr 79 (CR)	ALU	04255426.1	EP1517462	DE	Tunable Dispersion Compensator	07.09.2004
Doerr 79 (CR)	ALU	04255426.1	EP1517462	GB	Tunable Dispersion Compensator	07.09.2004
Doerr 79 (CR)	ALU	200410079749.6	ZL200410079749.6	CN	Tunable Dispersion Compensator	16.09.2004
Doerr 79 (CR)	ALU	10/760516	US6961492	US	Tunable Dispersion Compensator	20.01.2004
Doerr 79 (CR)	ALU	2004270628	JP4559171	JP	Tunable Dispersion Compensator	17.09.2004
Doerr 82-8-11 (CR)	ALU	10/782003	US7042629	US	Linear Optical Sampling Method And Apparatus	19.02.2004
Dominique 26-22-10 (F)	ALU	11/194629	US7403745	US	Channel Quality Predictor And Method Of Estimating A Channel Condition In A Wireless Communications Network	02.08.2005
Feder 26-2 (PM)	ALU	200880023680.1	ZL200880023680.1	CN	Web-Based Over-The-Air Activation	01.07.2008
Faryar 7-2-6 (AF)	ALU	09/326873	US6289052	US	Methods And Apparatus for Motion Estimation Using Causal Templates	07.06.1999
Faryar 9-4-8 (AF)	ALU	2000169846	JP4077135	JP	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	07.06.2000
Faryar 9-4-8 (AF)	ALU	00304632.3	EP1059812	DE	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	31.05.2000
Faryar 9-4-8 (AF)	ALU	00304632.3	EP1059812	GB	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	31.05.2000
Fatehi 24-1-1 (MT)	ALU	09/067909	US6317255	US	A Method And Apparatus For Controlling Optical Signal Power In Response To Faults In An Optical Fiber Path	28.04.1998

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Faryar 9-4-8 (AF)	ALU	00304632.3	EP1059812	FR	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	31.05.2000
Faryar 9-4-8 (AF)	ALU	09/326872	US6625215	US	Methods And Apparatus For Context-Based Inter/Intra Coding Mode Selection	07.06.1999
Fatehi 27-3 (MT)	ALU	09/336543	US6519064	US	Scalable Add/Drop Architecture For Lightwave Communication Systems	19.06.1999
Feder 26-2 (PM)	ALU	11/826937	US8516136	US	Web-Based Over-The-Air Activation	19.07.2007
Feder 26-2 (PM)	ALU	08779915.1		EP	Web-Based Over-The-Air Activation	01.07.2008
Eckberg 3 (AE)	ALU	10/136840	US7496086	US	Techniques For Jitter Buffer Delay Management	30.04.2002
Duttweiler 29 (DL)	ALU	09/393948	US6813352	US	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	10.09.1999
Einstein 6-2 (DS)	ALU	10/320065	US6906804	US	WDM Channel Monitor And Wavelength Locker	16.12.2002
Ford 39-74-10-57 (JE)	ALU	09/332677	US6631246	US	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	14.06.1999
Ford 39-74-10-57 (JE)	ALU	00304794.1	EP1061674	DE	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	06.06.2000
Ford 39-74-10-57 (JE)	ALU	00304794.1	EP1061674	GB	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	06.06.2000
Ford 39-74-10-57 (JE)	ALU	00304794.1	EP1061674	FR	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	06.06.2000
Ford 39-74-10-57 (JE)	ALU	2000178073	JP4689791	JP	Wavelength Division Multiplexed Optical Communication System Having Tunable Multi-Channel Dispersion Compensating Filters	14.06.2000
Ford 41-1 (JE)	ALU	09/375305	US6337935	US	Dispersed Image Inverting Optical Wavelength Multiplexer	16.08.1999
Fleming 38 (JW)	ALU	09/141440	US6041623	US	Process For Fabricating Article Comprising Refractory Dielectic Body	27.08.1998
Everett 1-1 (MW)	ALU	11/128641	US7660745	US	Methods And Apparatus For Management And Negotiation Of Prices Of Goods Purchased From A Vendor	13.05.2005
Everett 2-2 (MW)	ALU	11/128640	US8204777	US	Methods And Apparatus For Management And Analysis Of Costs And Savings	13.05.2005
Feder 20-6 (PM)	ALU	200780002884.2	ZL200780002884.2	CN	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	10-2008-7018332	KR101368357	KR	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	2008552317	JP5172704	JP	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	3671/CHENP/2008		IN	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	11/339197	US9204420	US	QoS-Aware Paging In A Wireless Communication System	25.01.2006
Feder 21-7-18-17-25 (PM)	ALU	11/351805	US7839815	US	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	10.02.2006
Feder 21-7-18-17-25 (PM)	ALU	MX/a/2008/09996	MX289118	MX	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	4047/CHENP/2008	IN284533	IN	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	200780004738.3	ZL200780004738.3	CN	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	2008554295	JP4960388	JP	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	PI0707487-5		BR	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	2007215477	AU2007215477	AU	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Espindola 23-25-21-12 (RP)	ALU	11331301	JP3771403	JP	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	22.11.1999
Espindola 23-25-21-12 (RP)	ALU	99308905.1	EP1003253	GB	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	09.11.1999
Espindola 23-25-21-12 (RP)	ALU	99308905.1	EP1003253	FR	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	09.11.1999
Espindola 23-25-21-12 (RP)	ALU	99308905.1	EP1003253	DE	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	09.11.1999
Espindola 23-25-21-12 (RP)	ALU	09/197396	US6049414	US	Temperature-Compensated Rare Earth Doped Optical Waveguide Amplifiers	20.11.1998
Feder 21-7-18-17-25 (PM)	ALU	193275	IL193275	IL	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	20087019341	KR101342416	KR	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	07749997.8		EP	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Feder 21-7-18-17-25 (PM)	ALU	2008136070	RU2449498	RU	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
Essiambre 14-1-20 (R)	ALU	11/306174	US7474860	US	Optimum Sample Spacing In Over-Sampled Maximum Likelihood Sequence Estimation Receivers	19.12.2005
Fishman 16-4 (DA)	ALU	10/464726	US7202995	US	Method And Apparatus For Communicating Status In A Lightwave Communication System Employing Optical Amplifiers	18.06.2003

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Fingerman 1-1-1 (AW)	ALU	09/440434	US7143430	US	Method And Apparatus For Remote Audiovisual Signal Recording Service	15.11.1999
Fischer 17-1 (G)	ALU	01308075.9	EP1296464	GB	Fast Power Control For Existing User Equipment Of A Wireless Communication Network	24.09.2001
Fischer 17-1 (G)	ALU	01308075.9	EP1296464	FR	Fast Power Control For Existing User Equipment Of A Wireless Communication Network	24.09.2001
Fischer 17-1 (G)	ALU	01308075.9	EP1296464	DE	Fast Power Control For Existing User Equipment Of A Wireless Communication Network	24.09.2001
Fingerman 1-1-1 (AW)	ALU	2000348656	JP4762410	JP	Method And Apparatus For Remote Audiovisual Signal Recording Service	15.11.2000
Fink 3-3-3 (PE)	ALU	09/384116	US6941361	US	Method And Apparatus For Obtaining Inventory And User Information For A Remote Computer Device	26.08.1999
Gadgil 1-1-5-10 (SM)	ALU	10/761060	US7058424	US	Method And Apparatus For Interconnecting Wireless And Wireline Networks	20.01.2004
Gabara 71-9 (TJ)	ALU	20010028603	KR750820	KR	Control Technique For A Communication System	24.05.2001
Gabara 71-9 (TJ)	ALU	01119185.6	ZL01119185.6	CN	Control Technique For A Communication System	23.05.2001
Gabara 71-9 (TJ)	ALU	09/576999	US6950678	US	Control Technique For A Communication System	24.05.2000
Gabara 71-9 (TJ)	ALU	2001141358	JP5153037	JP	Control Technique For A Communication System	11.05.2001
Gill 26-4-17-10-8 (DM)	ALU	2009551977	JP5551446	JP	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	11/681070	US7672553	US	A High Speed Semiconductor Optical Modulator	01.03.2007
Gill 26-4-17-10-8 (DM)	ALU	5536/DELNP/2009		IN	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	20097018204	KR101158969	KR	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	200780051941.6	ZL200780051941.6	CN	A High Speed Semiconductor Optical Modulator	30.10.2007
Ginzburg 1-4 (AY)	ALU	08/956722	US6078919	US	Method And Apparatus For Delivery Of Data Over A Network Based On Determination Of Network Parameters	23.10.1997
Garofalakis 2-1-13-33 (MN)	ALU	08/966095	US6330609	US	Admission Control System And Method For Media-On-Demand Servers	07.11.1997
Gehlot 34-31 (NL)	ALU	10/055471	US6812840	US	Object Area Network	23.01.2002
Goss 1 (J)	ALU	11/024180	US7454164	US	Providing A Multimedia Message With A Multimedia Messaging Service Message In A Mobile Environment	28.12.2004
Graybeal 4-17 (JM)	ALU	MX/a/2010/007494	MX310731	MX	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Goss 4 (SC)	ALU	09/399304	US7330693	US	Broadcast Channels For Wireless Telephony	17.09.1999
Gorrepati 1-4 (PB)	ALU	09/398589	US6526033	US	Delivering Calls To GSM Subscribers Roaming To CDMA Networks Via IP Tunnels	17.09.1999
Gorrepati 3-6 (PB)	ALU	09/398844	US6493551	US	GSM MoU Bypass For Delivering Calls To GSM Subscribers Roaming To Networks	17.09.1999
Graybeal 4-17 (JM)	ALU	11/972906	US9537566	US	Realizing FDD Capability By Leveraging Existing TDD Technology	11.01.2008
Graybeal 4-17 (JM)	ALU	2009204500	AU2009204500	AU	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	20107017517	KR101226043	KR	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	98100174	TWI472181	TW	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	4085/CHENP/2010		IN	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	2010133490	RU2464709	RU	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	2010542263	JP5319701	JP	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	200980101868.8	ZL200980101868.8	CN	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	PI0906974-7		BR	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Gerdisch 2-31 (MR)	ALU	10/306511	US7307945	US	Methods For Providing A Reliable Server Architecture Using A Multicast Topology In A Communications Network	27.11.2002
Gruhl 13-19 (S)	ALU	10/620894	US7480243	US	Packet Ordering Method And Apparatus In A Mobile Communication Network Employing Hierarchical Routing With Data Packet Forwarding	16.07.2003
Gupta 3-1-7 (P)	ALU	10/876808	US8027327	US	Distributed Scheduling In Wireless Networks With Service Differentiation	25.06.2004
Gupta 3-1-7 (P)	ALU	200550201	JP4744160	JP	Distributed Scheduling In Wireless Networks With Service Differentiation	25.02.2005
Gupta 3-1-7 (P)	ALU	200510050958.2	ZL10050958.2	CN	Distributed Scheduling In Wireless Networks With Service Differentiation	24.02.2005

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Guo 16-83-66 (KH)	ALU	11/396230	US8612619	US	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	31.03.2006
Guo 16-83-66 (KH)	ALU	200780011809.2	ZL200780011809.2	CN	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Guo 16-83-66 (KH)	ALU	2009502845	JP5498157	JP	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Guo 16-83-66 (KH)	ALU	20087024011	KR101397854	KR	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
Haalen 7-9 (Rv)	ALU	11/239737	US7701853	US	Method For Policing-Based Adjustments To Transmission Window Size	30.09.2005
Goh 1-1 (J)	ALU	09/410294	US6385259	US	Composite Code Match Filters	30.09.1999
Hakki 14 (BW)	ALU	09/052756	US6011253	US	Method And Apparatus For Analyzing Polarization Mode Dispersion Of An Optical Device	31.03.1998
Haase 2-11-2 (O)	ALU	10/349672	US7610328	US	Methods And Apparatus For A Multi-Technology Subscriber Base For Global Roaming	23.01.2003
Gopalakrishnan 19-17 (N)	ALU	10/619420	US7385954	US	Method Of Transmitting Or Retransmitting Packets In A Communication System	16.07.2003
Hansen 13-4 (PB)	ALU	08/928580	US5887093	US	Optical Fiber Dispersion Compensation	12.09.1997
Hansen 18-6-16 (PB)	ALU	114/MAS/2000	IN207567	IN	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	15.02.2000
Hansen 18-6-16 (PB)	ALU	00102336.5	ZL00102336.5	CN	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	17.02.2000
Hansen 18-6-16 (PB)	ALU	2298408	CA2298408	CA	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	14.02.2000
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	ES	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	DE	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	GB	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hao 16-57-59 (F)	ALU	12/495236	US8218452	US	Network Detection Of Real-Time Applications Using Incremental Linear Regression	30.06.2009
Haunstein 13-3 (H)	ALU	10/954108	US7266311	US	Control Of Delay Line Interferometer	29.09.2004
Haunstein 13-3 (H)	ALU	04255949.2	EP1643665	DE	Control Of Delay Line Interferometer	29.09.2004
Haunstein 13-3 (H)	ALU	04255949.2	EP1643665	GB	Control Of Delay Line Interferometer	29.09.2004
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	IT	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Grimes 88-53-28 (GJ)	ALU	09/903029	US6698937	US	Optical Connector Mechanism	11.07.2001
Grimes 58 (GJ)	ALU	08/284708	US6434537	US	Cellular Telephone Billing Management System	01.08.1994
Hellenthal 1-2 (W)	ALU	10/764754	US7426737	US	Method And Apparatus For Operating An Open API Network Having A Proxy	26.01.2004
Hellenthal 1-2 (W)	ALU	05250064.2	EP1558001	GB	Method And Apparatus For Operating An Open API Network Having A Proxy	07.01.2005
Hellenthal 1-2 (W)	ALU	05250064.2	EP1558001	FR	Method And Apparatus For Operating An Open API Network Having A Proxy	07.01.2005
Hellenthal 1-2 (W)	ALU	05250064.2	EP1558001	DE	Method And Apparatus For Operating An Open API Network Having A Proxy	07.01.2005
Hellenthal 1-2 (W)	ALU	2005017563	JP4822713	JP	Method And Apparatus For Operating An Open API Network Having A Proxy	26.01.2005
Hellenthal 1-2 (W)	ALU	20050006490	KR101102674	KR	Method And Apparatus For Operating An Open API Network Having A Proxy	25.01.2005
Hellenthal 1-2 (W)	ALU	200510004379.4	ZL200510004379.4	CN	Method And Apparatus For Operating An Open API Network Having A Proxy	20.01.2005
Hellenthal 1-2 (W)	ALU	1508/CHE/2004	IN262546	IN	Method And Apparatus For Operating An Open API Network Having A Proxy	31.12.2004
Hellenthal 1-2 (W)	ALU	12/170584	US8001555	US	Method And Apparatus For Operating An Open API Network Having A Proxy	10.07.2008
Heinkel 4-4-3 (U)	ALU	06825358.2		EP	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Heinkel 4-4-3 (U)	ALU	2009531363	JP5274469	JP	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Heinkel 4-4-3 (U)	ALU	1693/CHENP/2009		IN	Method And Apparatus For Reconfiguring IC Architectures	03.10.2006
Hansen 18-6-16 (PB)	ALU	00301011.3	EP1054521	FR	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	09.02.2000
Hansen 18-6-16 (PB)	ALU	2000035785	JP3715168	JP	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	14.02.2000
Hansen 18-6-16 (PB)	ALU	09/253665	US6323993	US	Method Of Optical Signal Transmission With Reduced Degradation By Non-Linear Effects	19.02.1999
Hoekstra 7-6 (GJ)	ALU	11/461054	US7653019	US	Method Of Distributing Identical Data To Mobile Units	31.07.2006

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Hoekstra 7-6 (GJ)	ALU	20097001548	KR101017541	KR	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	419/CHENP/2009		IN	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	200780028425.1	ZL80028425.1	CN	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	2009522765	JP5017368	JP	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Honcharenko 3-8-5 (W)	ALU	09/065855	US6349217	US	Multi-Mode/Multi-Rate Fixed Wireless Communication System	24.04.1998
Horn 9 (DN)	ALU	09/138001	US6556670	US	Method For Solving The Music-On-Hold Problem In An Audio Conference	21.08.1998
Horn 9 (DN)	ALU	11234130	JP3764003	JP	Method For Solving The Music-On-Hold Problem In An Audio Conference	20.08.1999
Beck 7-20-8 (A)	ALU	11/357144	US7693270	US	Method And Network For Providing Service Blending To A Subscriber	21.02.2006
Hofmann 19-7 (MA)	ALU	20087014225	KR101275421	KR	Method And Network For Providing Service Blending To A Subscriber	14.12.2006
Ma 29-67 (Z)	ALU	4641/CHENP/2010		IN	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Heer 2-5-2-1 (AJ)	ALU	02253038.0	EP1359715	FR	Method For Establishing A Loop-Free Path For Transfer Of Data Packets Within A Circular Network	30.04.2002
Heer 2-5-2-1 (AJ)	ALU	02253038.0	EP1359715	DE	Method For Establishing A Loop-Free Path For Transfer Of Data Packets Within A Circular Network	30.04.2002
Heer 2-5-2-1 (AJ)	ALU	02253038.0	EP1359715	GB	Method For Establishing A Loop-Free Path For Transfer Of Data Packets Within A Circular Network	30.04.2002
Innovance 2	ALU	10/159676	US7941047	US	Method For Engineering Connections In A Dynamically Reconfigurable Photonic Switched Network	31.05.2002
Ho 3-3-22 (LT)	ALU	02254380.5	EP1343336	GB	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	24.06.2002
Ho 3-3-22 (LT)	ALU	02254380.5	EP1343336	FR	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	24.06.2002
Ho 3-3-22 (LT)	ALU	02254380.5	EP1343336	DE	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	24.06.2002
Ho 3-3-22 (LT)	ALU	10/382403	US7088959	US	A Method Of Selecting Maximum Transmission Power Level To Be Used By A Radio Telecommunications Base Station Or Base Stations In A Network, A Radio Telecommunications Base Station And A Radio Telecommunications Network	06.03.2003
Joyner 25-1 (CH)	ALU	09/516295	US6571038	US	Multimode Interference Coupler With Tunable Power Splitting Ratios And Method Of Tuning	01.03.2000
Jones 1-1-1-3 (DA)	ALU	10/720356	US7016478	US	911 Emergency Voice/Data Telecommunication Network	24.11.2003
Huo 12-41 (DD)	ALU	20050038445	KR101123021	KR	Hybrid Wireless Communications System	09.05.2005
Huo 12-41 (DD)	ALU	10/842701	US7706346	US	Hybrid Wireless Communications System	10.05.2004
Hu 6-24 (TH)	ALU	09/994490	US7075891	US	Method And Apparatus For Transmitting And Receiving Data Packets To Avoid Stall During Re-Sequencing Of Data Packets	26.11.2001
Huh 2-1 (YU)	ALU	00311512.8	EP1113680	GB	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	21.12.2000
Huh 2-1 (YU)	ALU	00311512.8	EP1113680	FR	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	21.12.2000
Huh 2-1 (YU)	ALU	00311512.8	EP1113680	DE	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	21.12.2000
Huh 2-1 (YU)	ALU	2000396370	JP3828356	JP	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	27.12.2000
Huh 2-1 (YU)	ALU	09/738702	US6791976	US	Mobile-To-Mobile DTMF Signaling In Tandem Free Operation	15.12.2000
Kao 4-23-15 (Y)	ALU	04255617.5	EP1519499	FR	System And Method For Optical Transmission	16.09.2004
Kao 4-23-15 (Y)	ALU	04255617.5	EP1519499	DE	System And Method For Optical Transmission	16.09.2004
Kao 4-23-15 (Y)	ALU	04255617.5	EP1519499	GB	System And Method For Optical Transmission	16.09.2004
Kataria 1-1-2-26 (D)	ALU	09/188023	US6687229	US	Quality Of Service Based Path Selection For Connection-Oriented Networks	06.11.1998
Ke 5 (M)	ALU	09/437522	US6292053	US	Power Amplifier System	10.11.1999
Ke 5 (M)	ALU	00309585.8	EP1100147	GB	Power Amplifier System	30.10.2000
Ke 5 (M)	ALU	00309585.8	EP1100147	FR	Power Amplifier System	30.10.2000
Ke 5 (M)	ALU	00309585.8	EP1100147	DE	Power Amplifier System	30.10.2000
Ke 5 (M)	ALU	20000066466	KR767885	KR	Power Amplifier System	09.11.2000
Ke 5 (M)	ALU	2000343740		JP	Power Amplifier System	10.11.2000
Ke 5 (M)	ALU	200710414	JP5398957	JP	Power Amplifier System	10.11.2000
Kazarinov 29-3-4-10 (RF)	ALU	09/182980	US6289151	US	All-Pass Optical Filters	30.10.1998
Kasturia 17 (S)	ALU	09/244645	US6388998	US	Improved Reuse Of Codes And Spectrum In A CDMA System With Multiple-Sector Cells	04.02.1999
Kisel 17-18 (A)	ALU	09290002.6		EP	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	06.01.2009

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Khan 46 (FU)	ALU	10/888559	US7738423	US	Cell Switching And Packet Combining In A Wireless Communication System	09.07.2004
Khan 46 (FU)	ALU	20050060309	KR101163973	KR	Cell Switching And Packet Combining In A Wireless Communication System	05.07.2005
Khan 46 (FU)	ALU	200510083276.1	ZL200510083276.1	CN	Cell Switching And Packet Combining In A Wireless Communication System	08.07.2005
Khan 46 (FU)	ALU	2005201168		JP	Cell Switching And Packet Combining In A Wireless Communication System	11.07.2005
Khan 47 (FU)	ALU	11/906309	US7577128	US	A Multiplexing Scheme For Unicast And Broadcast/Multicast Traffic	06.03.2008
Kim 7 (J)	ALU	09/876772	US6903604	US	Method And Apparatus For Modeling And Estimating The Characteristics Of A Power Amplifier	07.06.2001
Kalavade 4 (A)	ALU	09/525696	US6901067	US	Method And Device For Generating A PCM Signal Stream From A Streaming Packet Source	14.03.2000
Kalavade 5 (AP)	ALU	09/525595	US7149772	US	Media Gateway Appliance	14.03.2000
Kocherlakota 4 (S)	ALU	00309857.1	EP1102488	DE	Method And Apparatus For Remote Audiovisual Signal Recording	06.11.2000
Kocherlakota 4 (S)	ALU	00309857.1	EP1102488	GB	Method And Apparatus For Remote Audiovisual Signal Recording	06.11.2000
Kocherlakota 4 (S)	ALU	00309857.1	EP1102488	FR	Method And Apparatus For Remote Audiovisual Signal Recording	06.11.2000
Kocherlakota 4 (S)	ALU	2000348654	JP4633913	JP	Method And Apparatus For Remote Audiovisual Signal Recording	15.11.2000
Kamel 2-15-11-11 (RE)	ALU	09/157758	US7190688	US	Method And Apparatus For Adaptive Setting Of Initial Traffic Power	21.09.1998
Kaminski 8-12 (WJ)	ALU	09/549919	US6574459	US	Multiple Branch Receiver System And Method	14.04.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	GB	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	SE	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	FI	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	FR	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	00309823.3	EP1154589	DE	Multiple Branch Receiver System And Method	06.11.2000
Kaminski 8-12 (WJ)	ALU	20010020022	KR555166	KR	Multiple Branch Receiver System And Method	14.04.2001
Kaminski 8-12 (WJ)	ALU	01116545.6	ZL01116545.6	CN	Multiple Branch Receiver System And Method	12.04.2001
Kaneda 1-2-2 (N)	ALU	10/627098	US7471904	US	Method And Apparatus For Electronic Equalization In Optical Communication Systems	25.07.2003
Kramer 19-22 (GG)	ALU	12/370148	US8218419	US	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	12.02.2009
Kramer 19-22 (GG)	ALU	10705945.3		EP	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
Kramer 19-22 (GG)	ALU	20117021245	KR10-1276153	KR	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
Krishnamoorthy 7-8-9-6 (R)	ALU	09/361861	US6625165	US	Data Link Protocol For Wireless Systems	27.07.1999
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	GB	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	SE	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	FI	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	FR	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00306062.1	EP1073228	DE	Data Link Protocol For Wireless Systems	17.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	20000043060	KR716439	KR	Data Link Protocol For Wireless Systems	26.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	573/MAS/2000	IN201619	IN	Data Link Protocol For Wireless Systems	24.07.2000
Krishnamoorthy 7-8-9-6 (R)	ALU	00121707.0	ZL00121707.0	CN	Data Link Protocol For Wireless Systems	25.07.2000
Kroupenkine 8 (TN)	ALU	10/139124	US6965480	US	Method And Apparatus For Calibrating A Tunable Microlens	03.05.2002
Kroupenkine 8 (TN)	ALU	10/884592	US7006299	US	Method And Apparatus For Calibrating A Tunable Microlens	02.07.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Krishnamoorthy 7-8-9-6 (R)	ALU	2000224836	JP4711361	JP	Data Link Protocol For Wireless Systems	26.07.2000
Kim 4-3 (KS)	ALU	09/406723	US6323950	US	Chromatic Dispersion Measurement For Optical Components	28.09.1999
Kramer 19-22 (GG)	ALU	201080007518.8	ZL201080007518.8	CN	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
Kramer 9-16-6 (GG)	ALU	11/897877	US7843990	US	Determining A Channel Matrix By Measuring Interference	31.08.2007
Kramer 9-16-6 (GG)	ALU	5927/CHENP/2009		IN	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	2010503011	JP5204212	JP	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	200880011167.0	ZL200880011167.0	CN	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kilper 12-11 (DC)	ALU	11/846845	US7746548	US	Optical Amplifier Transient Control With Gain Error	29.08.2007
Kramer 9-16-6 (GG)	ALU	20097020446	KR101084965	KR	Determining A Channel Matrix By Measuring Interference	01.04.2008
La Porta 41-5-12-2-3 (TF)	ALU	09/209705	US6763007	US	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	11.12.1998
La Porta 41-5-12-2-3 (TF)	ALU	11349357	JP3573266	JP	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	08.12.1999
La Porta 41-5-12-2-3 (TF)	ALU	99309565.2	EP1009141	SE	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	30.11.1999
Laham 2-3-1 (MA)	ALU	09/163940	US6507737	US	Method For Automatically Monitoring Continuity And Integrity Of Communication Trunks	30.09.1998
La Porta 41-5-12-2-3 (TF)	ALU	99309565.2	EP1009141	FI	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	30.11.1999
La Porta 41-5-12-2-3 (TF)	ALU	99309565.2	EP1009141	GB	Two Phase Local Mobility Scheme For Wireless Access To Packet Based Networks	30.11.1999
Lavranchuk 3 (JS)	ALU	11/618257	US8210755	US	Identifiable Optical Fibers	29.12.2006
Lee 11-7-5 (JA)	ALU	11/089339	US7486954	US	Method Of Controlling Load Sharing Between In-Cell And Soft Handoff Users	25.03.2005
Lanzone 2-1-1 (CA)	ALU	09/544748	US6295210	US	Chassis Grounding Ring For A Printed Wiring Board Mounting Aperture	07.04.2000
Laroia 6-24 (R)	ALU	09/843502	US6580761	US	A Decoding Technique in Discrete Multi-Tone (DMT) Based Communications Systems	26.04.2001
Leonard 2-21 (ED)	ALU	09/517980	US6359937	US	Method And Apparatus For Performing Analog Mode Operations When Transmitting Audio And Data In A Wireless TDMA System	03.03.2000
Leonard 2-21 (ED)	ALU	20010010683	KR814738	KR	Method And Apparatus For Performing Analog Mode Operations When Transmitting Audio And Data In A Wireless TDMA System	02.03.2001
Leonard 2-21 (ED)	ALU	2001056416	JP3916875	JP	Method And Apparatus For Performing Analog Mode Operations When Transmitting Audio And Data In A Wireless TDMA System	01.03.2001
Lin 1 (I)	ALU	09/888188	US7050414	US	Method And Apparatus For Setting Up A Call Over a Packet-Based Transport Network	22.06.2001
Leven 3 (A)	ALU	200410002467.6	ZL200410002467.6	CN	Direct Optical N-State Phase Shift Keying	20.01.2004
Leven 3 (A)	ALU	200414109	JP4441275	JP	Direct Optical N-State Phase Shift Keying	22.01.2004
Leven 3 (A)	ALU	10/443328	US6798557	US	Direct Optical N-State Phase Shift Keying	22.05.2003
Lin 5-17 (C)	ALU	09/282236	US6405256	US	Data Streaming Using Caching Servers With Expandable Buffers And Adjustable Rate Of Data Transmission To Absorb Network Congestion	31.03.1999
Loo 2-39 (Y)	ALU	10/098202	US6946332	US	Forming Nanoscale Patterned Thin Film Metal Layers	15.03.2002
Lou 10-2-25 (H)	ALU	09/288833	US6842724	US	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	08.04.1999
Lou 10-2-25 (H)	ALU	00302558.2	EP1043877	GB	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	28.03.2000
Lou 10-2-25 (H)	ALU	00302558.2	EP1043877	FR	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	28.03.2000
Lou 10-2-25 (H)	ALU	00302558.2	EP1043877	DE	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	28.03.2000
Lou 10-2-25 (H)	ALU	2000102549	JP3705729	JP	Method And Apparatus For Reducing Start-Up Delay In Data Packet-Based Network Streaming Applications	04.04.2000
Liu 18-14 (C)	ALU	09/515482	US6392999	US	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	29.02.2000
Liu 18-14 (C)	ALU	200153521	JP3630236	JP	Conferencing And Announcement Generation For Wireless VoIP and VoATM Calls	28.02.2001
Ma 29-67 (Z)	ALU	20107019137	KR101261394	KR	Method To Support User Location In In-Structure Coverage Systems	26.01.2009

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Lee 38-20 (CC)	ALU	10/299401	US7212506	US	System For The Secure Distribution Of Priority Call Access Codes To Provide Guaranteed Wireless Communication Service To Priority Wireless Communication Subscribers	18.11.2002
Ma 29-67 (Z)	ALU	12/010668	US8666428	US	Method To Support User Location In In-Structure Coverage Systems	29.01.2008
Ma 29-67 (Z)	ALU	2010545069	JP5490022	JP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Ma 29-67 (Z)	ALU	09705872.1		EP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
Ma 29-67 (Z)	ALU	097150727	TWI452918	TW	Method To Support User Location In In-Structure Coverage Systems	25.12.2008
Lee 4-14 (Y)	ALU	11/093782	US8725138	US	Methods For Network Selection And Discovery Of Service Information In Public Wireless Hotspots	30.03.2005
Lenz 8-11-36 (G)	ALU	09/287430	US6259847	US	Optical Communication System Including Broadband All-Pass Filter For Dispersion Compensation	07.04.1999
Martin 14 (CE)	ALU	10/812598	US7170393	US	Method And Apparatus For The Automatic Determination Of Network Cable Connections Using RFID Tags And An Antenna Grid	30.03.2004
Liu 40-20 (X)	ALU	06250734.8	EP1696588	FR	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	10.02.2006
Liu 40-20 (X)	ALU	06250734.8	EP1696588	DE	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	10.02.2006
Liu 40-20 (X)	ALU	200610019801.8	ZL10019801.8	CN	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	27.02.2006
Liu 40-20 (X)	ALU	200651461	JP4732922	JP	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	28.02.2006
Liu 50 (X)	ALU	11/307899	US7623796	US	Data-Aided Multi-Symbol Phase Estimation For Optical Differential Multilevel Phase-Shift Keying Signals	27.02.2006
Liu 40-20 (X)	ALU	11/068349	US7489874	US	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	28.02.2005
Liu 40-20 (X)	ALU	06250734.8	EP1696588	GB	Method And Apparatus For Demodulation Of Optical Differential Phase Shift Keyed Signals	10.02.2006
Meier 1 (SK)	ALU	09/088750	US6201969	US	Control Of Handoff In CDMA Cellular Systems	02.06.1998
Meier 1 (SK)	ALU	32275/99	AU748260	AU	Control Of Handoff In CDMA Cellular Systems	27.05.1999
Meier 1 (SK)	ALU	11153697	JP4145424	JP	Control Of Handoff In CDMA Cellular Systems	01.06.1999
Meier 1 (SK)	ALU	19990019680	KR312538	KR	Control Of Handoff In CDMA Cellular Systems	31.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	GB	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	SE	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	FI	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	FR	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	99304030.2	EP0963130	DE	Control Of Handoff In CDMA Cellular Systems	25.05.1999
Meier 1 (SK)	ALU	446/MAS/99	IN216652	IN	Control Of Handoff In CDMA Cellular Systems	21.04.1999
Mailaender 7-17 (LE)	ALU	10/160126	US7421039	US	Method And System For Employing Antenna Arrays	04.06.2002
McKinstrie 8 (CJ)	ALU	11/154483	US7483203	US	Phase-Sensitive Amplification In A Fiber	16.06.2005
McKinstrie 8 (CJ)	ALU	11/750252	US7724421	US	Phase-Sensitive Amplification In A Fiber	17.05.2007
McCormick 14-6 (MA)	ALU	09/546248	US6731943	US	System For Efficient Mobile Subscriber Station Paging In Cellular Mobile Telecommunication Networks	10.04.2000
Mujtaba 7 (SA)	ALU	2287004	CA2287004	CA	Method And Apparatus For Wireless Communication Using Time Division DuplexTime-Slotted CDMA	19.10.1999
Mujtaba 7 (SA)	ALU	11333384	JP3950272	JP	Method And Apparatus For Wireless Communication Using Time Division DuplexTime-Slotted CDMA	24.11.1999
Mujtaba 7 (SA)	ALU	09/200522	US6542485	US	Method And Apparatus For Wireless Communication Using Time Division DuplexTime-Slotted CDMA	25.11.1998
Mueckenheim 24-13 (J)	ALU	11/025668	US7471654	US	Channel Assignment Based On Service Type And Wireless Communication Environment	29.12.2004
Mukherjee 2-29 (S)	ALU	10/279310	US7426195	US	Method And Apparatus For Providing User Identity Based Routing In A Wireless Communications Environment	24.10.2002
Mukherjee 8-3-13 (S)	ALU	10/880753	US7400611	US	Discovery Of Border Gateway Protocol (BGP) Multi-Protocol Label Switching (MPLS) Virtual Private Networks (VPNs)	30.06.2004
Nexabit 11	ALU	09/200377	US6272567	US	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	24.11.1998
Nexabit 11	ALU	99952738.5	EP1177558	GB	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Nexabit 11	ALU	99952738.5	EP1177558	IT	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 11	ALU	99952738.5	EP1177558	SE	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nagaraj 4 (S)	ALU	10/853102	US7453821	US	Methods Of Detecting Signaling Information In A Wireless Communication System	26.05.2004
Nexabit 11	ALU	99952738.5	EP1177558	FR	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 11	ALU	99952738.5	EP1177558	DE	Method of and System For Using Multi-Port Internally Cached Dynamic Random Access Memory (Ampic Dram) in the Control Path of Systems For Switching and Routing Data Packets Amongst I/O Source and Destination Resources Through Shared Memory Cores Comprised o	08.11.1999
Nexabit 2	ALU	08/901502	US6212597	US	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	28.07.1997
Nexabit 2	ALU	98932443.9	EP1015989	FR	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	98932443.9	EP1015989	GB	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	98807724.8	ZL98807724.8	CN	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	82367/98	AU748133	AU	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	01101019.4	HK1030281	HK	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 2	ALU	2000504513	JP4046943	JP	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Nexabit 4	ALU	09/038720	US6085290	US	Method of and Apparatus for Validating Data Read Put of a Memory Multi Port Internally Cached Dynamic Random Access Memory (AMPIC DRAM)	10.03.1998
Nair 3-11-13 (SP)	ALU	200510118677.6	ZL200510118677.6	CN	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	07.11.2005
Nair 3-11-13 (SP)	ALU	20050105845	KR101210236	KR	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	07.11.2005
Nair 3-11-13 (SP)	ALU	10/984020	US7848749	US	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	08.11.2004
Nexabit 2	ALU	98932443.9	EP1015989	DE	Apparatus and Method of Architecturally Enhancing the Performance of Multi Port Internally Cached Drams and the Like	23.07.1998
Ng 12 (H)	ALU	11/456428	US7952109	US	Light-Emitting Crystal Structures	10.07.2006
Nair 3-11-13 (SP)	ALU	05256620.5	EP1655985	FR	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	25.10.2005
Nair 3-11-13 (SP)	ALU	05256620.5	EP1655985	DE	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	25.10.2005
Nair 3-11-13 (SP)	ALU	05256620.5	EP1655985	GB	Method And Apparatus For Activating A Dormant Mobile Unit In A Distributed Network	25.10.2005
Narayanaswamy 1-11 (S)	ALU	10/289082	USRE40821	US	Multi-Display Electronic Devices Having Open And Closed Configurations	06.11.2002
Nuss 32-27 (MC)	ALU	10/252904	US7483432	US	GigaChannel Architecture Compatability With 10G Standard	23.09.2002
Pancha 5-12 (P)	ALU	08/947703	US6148005	US	A Layered Video Multicast Transmission System With Retransmission-Based Error Recovery	09.10.1997
Mueckenheim 33-2-1 (J)	ALU	11/388374	US8103284	US	Method For Reporting Uplink Load Measurements	24.03.2006
Norr 1 (WM)	ALU	09/364432	US7085377	US	Information Delivery In A Multi-Stream Digital Broadcasting System	30.07.1999
Raddatz 3 (L)	ALU	11/027847	US7542678	US	Method And Apparatus For A Supervisory Channel In A WDM Fiber-Optic Communication System	30.12.2004
Posthuma 15 (CR)	ALU	09/364154	US6456694	US	Method For Prequalifying Subscriber Lines For High Speed Data Service	30.07.1999
Posthuma 21 (CR)	ALU	09/565145	US6459773	US	System To Pre-Qualify Copper Subscriber Loops For High Bandwidth Access Service Using Subscriber Or Network Generated Tones	05.05.2000

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Posthuma 26 (CR)	ALU	2001287726	JP3905733	JP	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	20.09.2001
Posthuma 26 (CR)	ALU	01303329.5	EP1193958	GB	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	09.04.2001
Posthuma 26 (CR)	ALU	01303329.5	EP1193958	FR	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	09.04.2001
Posthuma 26 (CR)	ALU	01303329.5	EP1193958	DE	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	09.04.2001
Posthuma 26 (CR)	ALU	01140934.7	ZL01140934.7	CN	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	27.09.2001
Posthuma 26 (CR)	ALU	2357565	CA2357565	CA	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	17.09.2001
Posthuma 26 (CR)	ALU	09/675884	US6496566	US	Metallic Testing Of A Subscriber Loop That Provides Both Voice And Digital Subscriber Line Services	29.09.2000
Pingali 3 (SV)	ALU	09/012393	US6005610	US	Audio-Visual ObjectLocalization And Tracking System And Method Thereof	23.01.1998
Rahman 3 (MA)	ALU	09/393300	US7171199	US	Method And system For Directing A Data Message In A Wireless Communications Network Including Multiple Wireless Systems	10.09.1999
Rahman 3 (MA)	ALU	20000052722	KR656108	KR	Method And system For Directing A Data Message In A Wireless Communications Network Including Multiple Wireless Systems	06.09.2000
Ranka 2-9 (JK)	ALU	09/313006	US6097870	US	Article Utilizing Optical Waveguides With Anomalous Dispersion At Vis-Nir Wavelengths	17.05.1999
Rao 4-34 (SA)	ALU	2011502933	JP5147988	JP	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	200980112128.4	ZL200980112128.4	CN	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	6547/CHENP/2010		IN	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	20107024348	KR101302631	KR	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	12/286417	US8520559	US	Method For Routing Via Access Terminals	30.09.2008
Patfield 3 (KM)	ALU	10/714201	US7123286	US	Presence Detection For IP Telephony	14.11.2003
Rashid-Farrokhi 2-12 (F)	ALU	09/188021	US6304750	US	Space-Time Diversity Receiver For Wireless Systems	06.11.1998
Rashid-Farrokhi 2-12 (F)	ALU	99308679.2	EP0999652	GB	Space-Time Diversity Receiver For Wireless Systems	02.11.1999
Rashid-Farrokhi 2-12 (F)	ALU	314758/1999	JP3634696	JP	Space-Time Diversity Receiver For Wireless Systems	05.11.1999
Rajan 4-25 (GN)	ALU	09/882119	US7170893	US	Technique For Selecting The Number Of Packets To Be Concatenated	15.06.2001
Rajan 8 (GN)	ALU	6759/CHENP/2008		IN	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	08.06.2007
Rajan 8 (GN)	ALU	200780022282.3	ZL200780022282.3	CN	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	08.06.2007
Rajan 8 (GN)	ALU	11/454081	US7787875	US	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	15.06.2006
Rajan 8 (GN)	ALU	07795947.6		EP	Modulation Of A Carrier Radio Signal By A Mobile Terminal In A Wireless Telecommunications Network	08.06.2007
Qutub 1-1 (SS)	ALU	05254999.5	EP1628448	GB	Spam Filtering For Mobile Communication Devices	11.08.2005
Qutub 1-1 (SS)	ALU	05254999.5	EP1628448	FR	Spam Filtering For Mobile Communication Devices	11.08.2005
Qutub 1-1 (SS)	ALU	05254999.5	EP1628448	DE	Spam Filtering For Mobile Communication Devices	11.08.2005
Qutub 1-1 (SS)	ALU	10/920005	US8190686	US	Spam Filtering For Mobile Communication Devices	17.08.2004
Qutub 1-1 (SS)	ALU	2005235588	JP4917776	JP	Spam Filtering For Mobile Communication Devices	16.08.2005
Rai 3-1 (V)	ALU	10/671235	US7068993	US	Method And Apparatus For Packetized Supplemental Wireless Distress Signaling	25.09.2003
Rege 8 (KM)	ALU	09/052696	US6434124	US	Adaptive Symbol Error Count Based Technique For CDMA Reverse Link Outer Loop Power Control	31.03.1998
Riverstone 32 ()	ALU	10/321924	US7366174	US	Adaptive Classification Of Network Traffic	17.12.2002
Riverstone 32 ()	ALU	03796592.8	EP1573966	FR	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 32 ()	ALU	03796592.8	EP1573966	DE	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 32 ()	ALU	03796592.8	EP1573966	GB	Adaptive Classification Of Network Traffic	03.12.2003
Robbins 1 (CF)	ALU	09/174365	US6104784	US	Arrangement For Communicating Between Public Safety Answering Points And An Automatic Location Identifier Database	15.10.1998
Rollender 2 (DH)	ALU	99301784.7	EP0944276	SE	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	99301784.7	EP0944276	FI	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	99301784.7	EP0944276	FR	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	88102848	TWNI-125650	TW	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	25.02.1999
Rollender 2 (DH)	ALU	19990008596	KR574572	KR	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	15.03.1999

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Roe 2 (BC)	ALU	10/951420	US6979964	US	Apparatus For Applying DC Power To An Inductive Load	28.09.2004
Posthuma 15 (CR)	ALU	2000228344		JP	Method For Prequalifying Subscriber Lines For High Speed Data Service	28.07.2000
Posthuma 15 (CR)	ALU	20000044196	KR758832	KR	Method For Prequalifying Subscriber Lines For High Speed Data Service	31.07.2000
Riverstone 80 ()	ALU	10/369432	US7450507	US	Hierarchal Rate-Limiting At A Network Node That Utilizes An Infinity Rate-Limit Check	19.02.2003
Riverstone 83 ()	ALU	10/925624	US7701936	US	Obtaining Path Information Related to a Bridged Network	25.08.2004
Riverstone 89 ()	ALU	11/036909	US7443856	US	Managing Processing Utilization In A Network Node	14.01.2005
Riverstone 32 ()	ALU	200380106500.3	ZL200380106500.3	CN	Adaptive Classification Of Network Traffic	03.12.2003
Riverstone 47 ()	ALU	10/439681	US7474668	US	Flexible Multilevel Output Traffic Control	16.05.2003
Riverstone 16 ()	ALU	08/975331	US6069872	US	Explicit Rate Congestion Control System and Method	20.11.1997
Riverstone 69 ()	ALU	10/623784	US7411904	US	Multiprotocol Label Switching (MPLS) Edge Service Extraction	21.07.2003
Riverstone 23 ()	ALU	09/865035	US6728220	US	Method and System For Preventing Transmission Loops in a Label Switching Domain	24.05.2001
Rollender 2 (DH)	ALU	09/042602	US6192242	US	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	16.03.1998
Rollender 2 (DH)	ALU	99301784.7	EP0944276	DE	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Rollender 2 (DH)	ALU	99301784.7	EP0944276	GB	A Method For Porting A Mobile Directory Number From One Wireless Service Provider To Another	09.03.1999
Saniee 17 (I)	ALU	12/143353	US8537835	US	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	20.06.2008
Saniee 17 (I)	ALU	20117001552	KR101228230	KR	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	2011514582	JP5718225	JP	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	09766981.6		EP	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	200980123207.5	ZL200980123207.5	CN	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Saniee 17 (I)	ALU	8236/CHENP/2010		IN	Methods And Appararus For Self-Organized Caching In A Content Delivery Network	04.05.2009
Sarraf 17-8 (M)	ALU	09/371902	US6747948	US	Interleaver Scheme In An OFDM System With Multiple-Stream Data Sources	11.08.1999
Schlenk 2-1 (R)	ALU	10/963270	US7233399	US	Feedback Control Of An Interferometer	12.10.2004
Schlenk 4 (R)	ALU	12/079341	US8295282	US	Method And Apparatus For Mac Address Learning	26.03.2008
Schlenk 4 (R)	ALU	200810090930.5	ZL200810090930.5	CN	Method And Apparatus For Mac Address Learning	28.03.2008
Sharp 9 (RL)	ALU	12/569017	US8854314	US	Universal Interface Device With Housing Sensor Array Adapted For Detection Of Distributed Touch Input	29.09.2009
Silverman 51 (DP)	ALU	09/221920	US6363248	US	Intelligent Call Cellular Forwarding System Wherein Active Cell Information Is Utilized To Determine The Call Forwarding Number	28.12.1998
Taylor-Smith 15 (RE)	ALU	2005206286	JP5107511	JP	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	15.07.2005
Taylor-Smith 15 (RE)	ALU	20050064246	KR101216832	KR	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	15.07.2005
Taylor-Smith 15 (RE)	ALU	10/892979	US7563828	US	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	16.07.2004
Tao 2-14 (H)	ALU	20117007445	KR101207226	KR	Femto Cell Base Station And Method	02.09.2009
Tao 2-14 (H)	ALU	12/553178	US8315669	US	Femto Cell Base Station And Method	03.09.2009
Tao 2-14 (H)	ALU	2011525469	JP5184702	JP	Femto Cell Base Station And Method	02.09.2009
Tao 2-14 (H)	ALU	1533/CHENP/2011		IN	Femto Cell Base Station And Method	02.09.2009
Tao 2-14 (H)	ALU	200910205707.5	ZL200910205707.5	CN	Femto Cell Base Station And Method	04.09.2009
Winzer 6 (PJ)	ALU	10/464318	US7450863	US	Optical Receiver For Wavelength-Division-Multiplexed Signals	18.06.2003
Wang 2 (J)	ALU	09/295198	US6449625	US	Use Of A Two-Way Stack Approach To Optimize FLASH Memory Management For Embedded Database Systems	20.04.1999
Wang 13 (J)	ALU	2010-102139	RU2461988	RU	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	MX/a/2009/013460	MX282946	MX	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	200880020339.0	ZL200880020339.0	CN	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	2010514813	JP5094971	JP	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	PI0812931-2		BR	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Wang 13 (J)	ALU	20097026973	KR101100639	KR	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	202928	IL202928	IL	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	7457/CHENP/2009		IN	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	097123347	TWI449358	TW	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	23.06.2008
Wang 13 (J)	ALU	11/769981	US7792082	US	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	28.06.2007
Yang 20-11 (Z)	ALU	10/624015	US7031697	US	Correlation Of Call Data For Calling And Called Parties In Wireless Telecommunication Networks	21.07.2003
Gabara 71-9 (TJ)	ALU	01304255.1	EP1158824	FR	Control Technique For A Communication System	14.05.2001
Gabara 71-9 (TJ)	ALU	01304255.1	EP1158824	DE	Control Technique For A Communication System	14.05.2001
Gabara 71-9 (TJ)	ALU	01304255.1	EP1158824	GB	Control Technique For A Communication System	14.05.2001
805141	ALU	12/387339	US8433056	US	Configurable Signal Suspension And Validated Resumption In DSL Systems	02.05.2009
131302	ALU	05291018.9	EP1722495	FR	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	DE	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	HU	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	IT	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	PL	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	ES	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	TR	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
131302	ALU	05291018.9	EP1722495	GB	METHOD FOR TRANSMISSION OF OPTICAL CHANNELS AT HIGH BIT-RATE OVER DISPERSIVE OPTICAL FIBRES THROUGH SELECTION OF SUITABLE WAVELENGTH RANGES	11.05.2005
804824	ALU	12/545680	US8369332	US	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	21.08.2009
804716	ALU	09290441.6		EP	Variable concentrator for flexible bitrate transponders	12.06.2009
805296	ALU	12/498702	US8699836	US	An Optical Coupler	07.07.2009
Abys 43-7-3-1-2 (JA)	ALU	00307856.5	EP1087648	DE	Multi-Purpose Finish For Printed Wiring Boards And Method Of Manufacture OfSuch Boards	11.09.2000
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Mueckenheim 24-13 (J)	ALU	05257703.8	EP1677563	FR	Channel Assignment Based On Service Type And Wireless Communication Environment	15.12.2005
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802836	ALU	200910151766.9	ZL200910151766.9	CN	Polarization insensitive injection locked laser diodes for access applications	13.07.2009
802836	ALU	2009168333	JP5950490	JP	Polarization insensitive injection locked laser diodes for access applications	17.07.2009
802836	ALU	20090065430	KR101084851	KR	Polarization insensitive injection locked laser diodes for access applications	17.07.2009
802836	ALU	12/458504	US8130801	US	Polarization insensitive injection locked laser diodes for access applications	14.07.2009
805512	ALU	12/492391	US8355638	US	Receiver For Optical Transverse-Mode-Mutiplexed Signals	26.06.2009
805204	ALU	12/495779	US8218979	US	High Spectral-Efficiency Coherent Optical OFDM With Large Dispersion Tolerance	30.06.2009
131340	ALU	07290455.0	EP1981216	FR	1:1 Protection Schemes for Dual Node Interconnection	13.04.2007
131340	ALU	07290455.0	EP1981216	DE	1:1 Protection Schemes for Dual Node Interconnection	13.04.2007
131340	ALU	07290455.0	EP1981216	GB	1:1 Protection Schemes for Dual Node Interconnection	13.04.2007
139422	ALU	06010797.6	EP1734690	FR	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	26.05.2006

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139422	ALU	06010797.6	EP1734690	DE	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	26.05.2006
139422	ALU	06010797.6	EP1734690	GB	PERFORMANCE MONITORING OF FRAME TRANSMISSION IN DATA NETWORK OAM PROTOCOLS	26.05.2006
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	FR	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	DE	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	IT	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	ES	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Balachandran 18-10-25-3-51 (K)	ALU	01306134.6	EP1179910	GB	Radio Link Control With Limited Retransmissions For Streaming Services	17.07.2001
Khan 44 (FU)	ALU	05252723.1	EP1601224	FR	Method Of Reducing Overhead In Data Packet Communication	29.04.2005
Khan 44 (FU)	ALU	05252723.1	EP1601224	DE	Method Of Reducing Overhead In Data Packet Communication	29.04.2005
Khan 44 (FU)	ALU	05252723.1	EP1601224	GB	Method Of Reducing Overhead In Data Packet Communication	29.04.2005
105952	ALU	05300944.5	EP1788833	FR	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	DE	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	IT	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	ES	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	GB	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
105952	ALU	05300944.5	EP1788833	NL	FLEXIBLE NODE ARCHITECTURE (R-OADM AND n-BRANCH NODE) WITH FULL PROTECTION (EXPRESS AND ADDED TRAFFIC)	18.11.2005
114622	ALU	05292483.4	EP1788730	FR	constant gain EDFA with fixed tilt loss compensation	21.11.2005
114622	ALU	05292483.4	EP1788730	DE	constant gain EDFA with fixed tilt loss compensation	21.11.2005
114622	ALU	05292483.4	EP1788730	GB	constant gain EDFA with fixed tilt loss compensation	21.11.2005
805557	ALU	12/642762	US8526831	US	Receiver Algorithms For Coherent Detection Of Polarization-Multiplexed Optical Signals	18.12.2009
804336	ALU	12/488507	US7869709	US	Channel Identification in Communications Networks	19.06.2009
Duttweiler 29 (DL)	ALU	00307592.6	EP1094616	FR	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	04.09.2000
Duttweiler 29 (DL)	ALU	00307592.6	EP1094616	DE	Quadrature Filter Augmentation Of Echo Canceler Basis Functions	04.09.2000
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Balachandran 12-39-15 (K)	ALU	06023311.1	EP1758277	DE	Burst Based Access And Assignment Method For Providing Real-Time Services	27.11.2000
Balachandran 12-39-15 (K)	ALU	06023311.1	EP1758277	GB	Burst Based Access And Assignment Method For Providing Real-Time Services	27.11.2000
804999	ALU	09306275.0	EP2337251	EP	Synchronization Interface in a small form factor pluggable module (SFFPM)	18.12.2009
801048	ALU	629/CHENP/2010	IN278225	IN	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	25.07.2008
801048	ALU	20107002868	KR10-1449975	KR	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	25.07.2008
Feder 20-6 (PM)	ALU	07762540.8	EP1977624	FR	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	07762540.8	EP1977624	DE	QoS-Aware Paging In A Wireless Communication System	11.01.2007
Feder 20-6 (PM)	ALU	07762540.8	EP1977624	GB	QoS-Aware Paging In A Wireless Communication System	11.01.2007
114739	ALU	04026902.9	EP1657839	FR	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	DE	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	IT	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	ES	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
114739	ALU	04026902.9	EP1657839	GB	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
806290	ALU	12/696520	US8868029	US	Method And Apparatus For Managing Mobile Resource Usage	29.01.2010
139343	ALU	06007636.1	EP1718030	FR	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	12.04.2006
139343	ALU	06007636.1	EP1718030	DE	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	12.04.2006
139343	ALU	06007636.1	EP1718030	GB	A MECHANISM FOR CONTROLLING GROUP BEHAVIOR IN RICH PRESENCE SERVICE	12.04.2006
805557	ALU	12/642764	US8571423	US	Receiver Algorithms For Coherent Detection Of Polarization-Multiplexed Optical Signals	18.12.2009
805557	ALU	12/642765	US8295714	US	Receiver Algorithms For Coherent Detection Of Polarization-Multiplexed Optical Signals	18.12.2009
804594	ALU	201010118247.5	ZL201010118247.5	CN	Software architecture to merge telephony services over heterogeneous network	23.02.2010
804594	ALU	230/CHE/2010		IN	Software architecture to merge telephony services over heterogeneous network	29.01.2010
804594	ALU	12/712318	US8369270	US	Software architecture to merge telephony services over heterogeneous network	25.02.2010
134150	ALU	04018514.2	EP1509009	FR	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	05.08.2004
134150	ALU	04018514.2	EP1509009	DE	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	05.08.2004
134150	ALU	04018514.2	EP1509009	GB	ADAPTIVE ECMP TO A DESTINATION NETWORK BASED ON REVERSE TRAFFIC	05.08.2004
806566	ALU	12/718019	US8301037	US	Iterative Carrier-Phase Estimation And Data Recovery for Coherent Optical Receivers	05.03.2010
805938	ALU	12/826955	US8954515	US	Method And Apparatus For Reducing Application Update Traffic In Cellular Networks	30.06.2010
803447	ALU	10150114.6		EP	Method And System For Triggering Enriched Presence	05.01.2010
Balachandran 31-16-28-4-1 (K)	ALU	04251888.6	EP1469641	FR	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
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Balachandran 31-16-28-4-1 (K)	ALU	04251888.6	EP1469641	GB	Scheduler And Method For Scheduling Transmissions In A Communication Network	30.03.2004
140571	ALU	06012215.7	EP1734688	FR	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006
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140571	ALU	06012215.7	EP1734688	GB	A solution to perfect IGMP zapping performance using intelligent user tracking table algorithm	14.06.2006
114739	ALU	04026902.9	EP1657839	PL	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	AT	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	FI	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	GR	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	IE	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	NL	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	SE	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	CH	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
114739	ALU	04026902.9	EP1657839	TR	New transport entity "ODU0" for the Optical Transport Hierarchy (OTH)	12.11.2004
800833	ALU	08305284.5	EP2007049	FR	ROADM architecture for multi-bit-rates operation	19.06.2008
800833	ALU	08305284.5	EP2007049	DE	ROADM architecture for multi-bit-rates operation	19.06.2008
800833	ALU	08305284.5	EP2007049	GB	ROADM architecture for multi-bit-rates operation	19.06.2008
800834	ALU	08103607.1	EP1986361	FR	New WSS-based OXC architecture including XPM-mitigation	18.04.2008
800834	ALU	08103607.1	EP1986361	DE	New WSS-based OXC architecture including XPM-mitigation	18.04.2008
800834	ALU	08103607.1	EP1986361	GB	New WSS-based OXC architecture including XPM-mitigation	18.04.2008
106292	ALU	07820111.8	EP2074714	FR	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
106292	ALU	07820111.8	EP2074714	DE	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
106292	ALU	07820111.8	EP2074714	GB	REPETEUR MULTI ENTREE POUR SYSTEME HYBRIDE SATELLITE/TERRESTRE	11.09.2007
131320	ALU	06291071.6	EP1873967	FR	Method for improving SNMP error management	27.06.2006
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807027	ALU	10290171.7	EP2372962	EP	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	31.03.2010
802923	ALU	2009211932	AU2009211932	AU	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	12.01.2009
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137794	ALU	12/800101	US8626883	US	Injecting Addresses Into a Virtual Private Network Forwarding Database To Enable Operational, Administrative, and Management Functions	06.05.2010
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	FR	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	DE	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	NL	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
Cai 47-1-2-1-6 (Y)	ALU	06773854.2	EP1894345	GB	IMS Gateway Systems And Methods That Validate Routing To Online Charging Systems	23.06.2006
807361	ALU	12/779448	US8023834	US	Adaptive Polarization Tracking And Equalization In Coherent Optical Receivers	13.05.2010
807047	ALU	10290357.2		EP	Targeted Ad insertion for IGMP Join after a time interval/for a particular channel/any new channel	30.06.2010
134175	ALU	05018975.2	EP1635519	FR	ROUTING FORWARDING DATABASE LARGER THAN THE BCM 56XX FAMILY OF ASICS CAN SUPPORT IN HARDWARE TABLES	01.09.2005
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807262	ALU	13/155818	US9397879	US	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	08.06.2011
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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
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104895	ALU	03293295.6	EP1453227	GB	PERFORMANCE OPTIMIZATION METHOD IN WAVEBAND SWITCHED TRANSPARENT NETWORKS	23.12.2003
137498	ALU	03300265.0	EP1432172	FR	IGMPv2 in PIM-SSM environment	12.12.2003
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Cai 134-37 (Y)	ALU	2011506255	JP5269980	JP	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 135-38 (Y)	ALU	MX/a/2010/010973	MX310147	MX	Online Charging For Roaming Users In A Proxy Online Charging System Of A Visited Network	26.03.2009
Cai 137-18 (Y)	ALU	20107029749	KR101296048	KR	Online Charging Architecture In LTE/EPC Communciation Networks	30.05.2008
Fingerman 1-1-1 (AW)	ALU	2010191673	JP5115993	JP	Method And Apparatus For Remote Audiovisual Signal Recording Service	15.11.2000
803874	ALU	09290443.2	EP2161855	FR	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
803874	ALU	09290443.2	EP2161855	DE	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
803874	ALU	09290443.2	EP2161855	ES	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
803874	ALU	09290443.2	EP2161855	GB	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	12.06.2009
134096	ALU	02024819.1	EP1311103	IT	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134096	ALU	02024819.1	EP1311103	NL	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134096	ALU	02024819.1	EP1311103	ES	Distributed integration of legacy PBX systems with SIP networks.	07.11.2002
134087	ALU	02798116.6	EP1430671	FR	Architecture for Transporting PBX Digital Telephone Messages via SIP	04.09.2002
134087	ALU	02798116.6	EP1430671	DE	Architecture for Transporting PBX Digital Telephone Messages via SIP	04.09.2002
134087	ALU	02798116.6	EP1430671	GB	Architecture for Transporting PBX Digital Telephone Messages via SIP	04.09.2002
808162	ALU	11290004.8	EP2475219	EP	WiFi Based Capacity Enforcement For Mobile Communication Systems	05.01.2011
137456	ALU	02293050.7	EP1329862	FR	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
137456	ALU	02293050.7	EP1329862	DE	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
137456	ALU	02293050.7	EP1329862	GB	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
137456	ALU	02293050.7	EP1329862	IT	VISUAL INDICATORS CONTROLLED THROUGH INDUCTION COUPLING	10.12.2002
Cai 133-17 (Y)	ALU	241/CHENP/2011		IN	Online Charging For Sessions That Are Transferred Between Network Domains	30.07.2008
Feder 21-7-18-17-25 (PM)	ALU	12/900246	US8750206	US	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	07.10.2010
Feder 21-7-18-17-25 (PM)	ALU	10013869.2		EP	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	06.02.2007
139270	ALU	12/950715	US8699353	US	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	19.11.2010
800958	ALU	04290366.6	EP1450573	FR	Method of controlling a mode of reporting of measurements on a radio	11.02.2004
800958	ALU	04290366.6	EP1450573	DE	Method of controlling a mode of reporting of measurements on a radio	11.02.2004
800958	ALU	04290366.6	EP1450573	GB	Method of controlling a mode of reporting of measurements on a radio	11.02.2004
103207	ALU	01401326.2	EP1193945	FR	Internet access control.	21.05.2001
103207	ALU	01401326.2	EP1193945	DE	Internet access control.	21.05.2001
103207	ALU	01401326.2	EP1193945	IT	Internet access control.	21.05.2001
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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
103207	ALU	01401326.2	EP1193945	GB	Internet access control.	21.05.2001
803874	ALU	200980125521.7	ZL200980125521.7	CN	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
803874	ALU	8497/CHENP/2010		IN	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
803874	ALU	10-2010-7029492	KR10-1174727	KR	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
803874	ALU	13/002185	US8848605	US	Efficient provisioning of broadband mobile communication services inside airplanes by a cellular 2-D beamforming system	23.07.2009
Hoekstra 7-6 (GJ)	ALU	07810379.3	EP2050288	FR	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	07810379.3	EP2050288	DE	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Hoekstra 7-6 (GJ)	ALU	07810379.3	EP2050288	GB	Method Of Distributing Identical Data To Mobile Units	11.07.2007
Baden 2-1-1-1 (CCE)	ALU	98308353.6	EP0935353	FR	Asymmetric Multiple Access Protocol For A Communication System	13.10.1998
Baden 2-1-1-1 (CCE)	ALU	98308353.6	EP0935353	DE	Asymmetric Multiple Access Protocol For A Communication System	13.10.1998
Baden 2-1-1-1 (CCE)	ALU	98308353.6	EP0935353	GB	Asymmetric Multiple Access Protocol For A Communication System	13.10.1998
135645	ALU	01126598.0	EP1209886	FR	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	19.11.2001
135645	ALU	01126598.0	EP1209886	DE	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	19.11.2001
135645	ALU	01126598.0	EP1209886	GB	MASS EMERGENCY MULTI-MEDIA INFORMATION CALLING	19.11.2001
Tao 2-14 (H)	ALU	08360027.0	EP2161956	FR	Femto Cell Base Station And Method	04.09.2008
Tao 2-14 (H)	ALU	08360027.0	EP2161956	DE	Femto Cell Base Station And Method	04.09.2008
Tao 2-14 (H)	ALU	08360027.0	EP2161956	GB	Femto Cell Base Station And Method	04.09.2008
137200	ALU	2011102707	JP5200138	JP	Hot redundancy in Link/Topology State Routing Protocols	02.05.2011
Doerr 105 (CR)	ALU	06836366.2	EP1938129	FR	Rectangular-Passband Multiplexer	18.10.2006
Doerr 105 (CR)	ALU	06836366.2	EP1938129	DE	Rectangular-Passband Multiplexer	18.10.2006
Doerr 105 (CR)	ALU	06836366.2	EP1938129	GB	Rectangular-Passband Multiplexer	18.10.2006
134122	ALU	13/026885	US8537830	US	COMMUNICATION METHOD HAVING IP PHONE LOCATION ASSOCIATION	14.02.2011
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	FR	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	DE	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	IT	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	PL	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	ES	Determining A Channel Matrix By Measuring Interference	01.04.2008
Kramer 9-16-6 (GG)	ALU	08727240.7	EP2156632	GB	Determining A Channel Matrix By Measuring Interference	01.04.2008
807027	ALU	100110113	TWI499242	TW	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	24.03.2011
102686	ALU	00403622.4	EP1111742	FR	C-band and L-band EDFA.	21.12.2000
102686	ALU	00403622.4	EP1111742	DE	C-band and L-band EDFA.	21.12.2000
102686	ALU	00403622.4	EP1111742	GB	C-band and L-band EDFA.	21.12.2000
809624	ALU	11305593.3	EP2525587	EP	HAS Session Reconstruction (HAS-SR)	17.05.2011
Taylor-Smith 15 (RE)	ALU	05254412.9	EP1617500	FR	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	14.07.2005
Taylor-Smith 15 (RE)	ALU	05254412.9	EP1617500	DE	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	14.07.2005
Taylor-Smith 15 (RE)	ALU	05254412.9	EP1617500	GB	Solid State Proton Conductor System Derived From Hybrid Composite Inorganic-Organic Multicomponent Material	14.07.2005
114062	ALU	200810184150.7	ZL200810184150.7	CN	Temporary SNCP for Restoration	10.12.2008
Kramer 19-22 (GG)	ALU	2011550193	JP5265026	JP	Simultaneous Estimation Of Multiple Channel Coefficients Using A Common Probing Sequence	10.02.2010
114620	ALU	05292484.2	EP1788731	FR	High power double stage submarine EDFA	21.11.2005
114620	ALU	05292484.2	EP1788731	DE	High power double stage submarine EDFA	21.11.2005
114620	ALU	05292484.2	EP1788731	GB	High power double stage submarine EDFA	21.11.2005
809575	ALU	12305504.8		EP	Slewrate Limiter	07.05.2012
804823	ALU	201080022882.1	ZL201080022882.1	CN	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	2012513131	JP5746688	JP	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	20117027995	KR101276993	KR	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
139405	ALU	06017314.3	EP1768370	FR	CONFERENCE ACTIVITY PRESENCE	19.08.2006
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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
139405	ALU	06017314.3	EP1768370	GB	CONFERENCE ACTIVITY PRESENCE	19.08.2006
809893	ALU	13/240783	US8990322	US	Archive Control For Text Messages	22.09.2011
Kisel 17-18 (A)	ALU	200980156191.8	ZL200980156191.8	CN	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
Kisel 17-18 (A)	ALU	4687/CHENP/2011		IN	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
Kisel 17-18 (A)	ALU	2011544001	JP5302415	JP	Intelligent Bursting - Optimised BW Utilisation In Multimedia Networks with QoS	31.12.2009
804092	ALU	201080007234.9	ZL201080007234.9	CN	Availability indicator via video	01.02.2010
804092	ALU	10708256.2	EP2396949	EP	Availability indicator via video	01.02.2010
804092	ALU	2011549637	JP5363594	JP	Availability indicator via video	01.02.2010
804092	ALU	13/148442	US8909791	US	Availability indicator via video	01.02.2010
135544	ALU	00119350.7	EP1083706	FR	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	08.09.2000
135544	ALU	00119350.7	EP1083706	DE	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	08.09.2000
135544	ALU	00119350.7	EP1083706	GB	PACKET-LEVEL RESTORATION OF IP TRAFFIC USING SONET OVERHEAD	08.09.2000
804632	ALU	201080011440.7	ZL201080011440.7	CN	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804632	ALU	2011553433	JP5362044	JP	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804632	ALU	10-2011-7023610	KR10-1232105	KR	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
804632	ALU	13/254891	US8849116	US	Transport of logical client interfaces over OTN using ODU-flex	09.03.2010
803897	ALU	09001271.7	EP2214304	FR	Precise control for high efficient variable power supplies	30.01.2009
803897	ALU	09001271.7	EP2214304	DE	Precise control for high efficient variable power supplies	30.01.2009
803897	ALU	09001271.7	EP2214304	GB	Precise control for high efficient variable power supplies	30.01.2009
139487	ALU	06024581.8	EP1791294	FR	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	28.11.2006
139487	ALU	06024581.8	EP1791294	DE	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	28.11.2006
139487	ALU	06024581.8	EP1791294	GB	TROUBLESHOOTING A MULTICAST FLOW PROBLEM	28.11.2006
809760	ALU	12305459.5		EP	A Method For Improving The Efficiency Of Microwave Power Amplifiers With Envelope-Modulated Supply Voltage.	20.04.2012
810236	ALU	12305871.1		EP	Real Time RF Pallet System Efficiency Optimizer	18.07.2012
Huo 12-41 (DD)	ALU	05252542.5	EP1596525	FR	Hybrid Wireless Communications System	22.04.2005
Huo 12-41 (DD)	ALU	05252542.5	EP1596525	DE	Hybrid Wireless Communications System	22.04.2005
Huo 12-41 (DD)	ALU	05252542.5	EP1596525	GB	Hybrid Wireless Communications System	22.04.2005
105694	ALU	05746896.9	EP1759471	FR	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
105694	ALU	05746896.9	EP1759471	DE	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
105694	ALU	05746896.9	EP1759471	IT	TERRESTRIAL REPEATER WITH CODES REDISTRIBUTION ON CARRIERS OF DIFFERENT FREQUENCIES	29.04.2005
805141	ALU	201080019542.3	ZL201080019542.3	CN	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
805141	ALU	10772597.0		EP	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
805141	ALU	2012508667	JP5323254	JP	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
805141	ALU	20117026052	KR101272616	KR	Configurable Signal Suspension And Validated Resumption In DSL Systems	29.04.2010
113166	ALU	13160643	US8515279	US	Synchroner Crossconnect für OTN-Signale	15.06.2011
139376	ALU	05738536.1	EP1738485	FR	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
139376	ALU	05738536.1	EP1738485	DE	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
139376	ALU	05738536.1	EP1738485	GB	METHOD AND SYSTEM FOR PROVIDING PUSH-TO-TALK COMMUNICATIONS IN A TELECOMMUNICATIONS NETWORK	21.04.2005
802836	ALU	13/317933	US8462822	US	Polarization insensitive injection locked laser diodes for access applications	01.11.2011
804716	ALU	201080025892.0	ZL201080025892.0	CN	Variable concentrator for flexible bitrate transponders	03.03.2010
804716	ALU	2012514399	JP5558564	JP	Variable concentrator for flexible bitrate transponders	03.03.2010
804716	ALU	13/319236	US8624762	US	Variable concentrator for flexible bitrate transponders	03.03.2010
804632	ALU	09425094.1	EP2228928	FR	Transport of logical client interfaces over OTN using ODU-flex	09.03.2009
804632	ALU	09425094.1	EP2228928	DE	Transport of logical client interfaces over OTN using ODU-flex	09.03.2009
804632	ALU	09425094.1	EP2228928	GB	Transport of logical client interfaces over OTN using ODU-flex	09.03.2009
804632	ALU	11188229.6		EP	Transport of logical client interfaces over OTN using ODU-flex	08.11.2011
805512	ALU	201080028849.X	ZL201080028849.X	CN	Receiver For Optical Transverse-Mode-Mutiplexed Signals	18.06.2010
805512	ALU	10727622.2		EP	Receiver For Optical Transverse-Mode-Mutiplexed Signals	18.06.2010
805512	ALU	20127001748	KR101355011	KR	Receiver For Optical Transverse-Mode-Mutiplexed Signals	18.06.2010

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
Alexiou 6-1 (A)	ALU	06800797.0	EP1915827	FR	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	06800797.0	EP1915827	DE	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
Alexiou 6-1 (A)	ALU	06800797.0	EP1915827	GB	Scheduling Multi-User Transmission In The Downlink Of A Multi-Antenna Wireless Communication System	04.08.2006
810906	ALU	13/369475	US8856960	US	Data Leakage Prevention For Cloud And Enterprise Networks	09.02.2012
807682	ALU	11192003.9		EP	A Method and a Tool for Document Printing Confidentiality Reinforcement in Companies	05.12.2011
805296	ALU	201080030738.2	ZL201080030738.2	CN	An Optical Coupler	22.06.2010
805296	ALU	10725594.5		EP	An Optical Coupler	22.06.2010
805296	ALU	PI2011006411	MY157037	MY	An Optical Coupler	22.06.2010
805296	ALU	20127000364	KR1333418	KR	An Optical Coupler	22.06.2010
804824	ALU	201080037013.6	ZL201080037013.6	CN	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.08.2010
804824	ALU	10747372.0		EP	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.08.2010
Wang 13 (J)	ALU	08794383.3	EP2171874	FR	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	DE	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	IT	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	ES	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
Wang 13 (J)	ALU	08794383.3	EP2171874	GB	Dynamic Expansion Of A Frame Selection Interval In A Wireless Communication Network	26.06.2008
804824	ALU	20127004404	KR101337039	KR	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.08.2010
805997	ALU	201080040819.0	ZL201080040819.0	CN	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	2108/CHENP/2012		IN	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	2012528297	JP5506931	JP	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	1020127009369	KR1342429	KR	ODU TCM Layer for OTN Auto-discovery	13.08.2010
805997	ALU	13/394897	US9203540	US	ODU TCM Layer for OTN Auto-discovery	13.08.2010
802923	ALU	08290096.0	EP2086237	FR	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	04.02.2008
802923	ALU	08290096.0	EP2086237	DE	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	04.02.2008
802923	ALU	08290096.0	EP2086237	GB	Method to retrieve SVC RTP packets decoding order when using RTP sessions multiplexing	04.02.2008
103344	ALU	02292185.2	EP1292072	FR	PROTECTED OPTICAL RING	05.09.2002
103344	ALU	02292185.2	EP1292072	DE	PROTECTED OPTICAL RING	05.09.2002
103344	ALU	02292185.2	EP1292072	GB	PROTECTED OPTICAL RING	05.09.2002
804824	ALU	13/718379	US9705799	US	Server-Side Load Balancing Using Parent-Child Link Aggregation Groups	18.12.2012
805803	ALU	201080057575.7	ZL201080057575.7	CN	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805803	ALU	2012543570	JP5351342	JP	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805803	ALU	20127018687	KR1319906	KR	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805803	ALU	13/513950	US9166682	US	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	19.11.2010
805187	ALU	201080044455.3	ZL201080044455.3	CN	Control and Use things through a video interaction	03.09.2010
805187	ALU	3074/CHENP/2012		IN	Control and Use things through a video interaction	03.09.2010
805187	ALU	2012532642	JP5799018	JP	Control and Use things through a video interaction	03.09.2010
805187	ALU	20127008786	KR101470711	KR	Control and Use things through a video interaction	03.09.2010
805187	ALU	13/499691	US9063537	US	Control and Use things through a video interaction	03.09.2010
Cai 121-39 (Y)	ALU	08832978.4	EP2195964	FR	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	08832978.4	EP2195964	DE	Charging For Roaming Users In IMS Networks	15.09.2008
Cai 121-39 (Y)	ALU	08832978.4	EP2195964	GB	Charging For Roaming Users In IMS Networks	15.09.2008
806084	ALU	201080063311.2	ZL201080063311.2	CN	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
806084	ALU	2012542385	JP5762436	JP	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
806084	ALU	1020127017513	KR1014736830000	KR	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
806084	ALU	13/514423	US9078178	US	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	01.12.2010
Cai 118 (Y)	ALU	13/450189	US8605874	US	Per-Session Dynamic Charging Caps In Communication Networks	18.04.2012
805997	ALU	09305838.6	EP2296300	FR	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	DE	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	IT	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	ES	ODU TCM Layer for OTN Auto-discovery	14.09.2009
805997	ALU	09305838.6	EP2296300	GB	ODU TCM Layer for OTN Auto-discovery	14.09.2009
804999	ALU	2012543564	JP5946412	JP	Synchronization Interface in a small form factor pluggable module (SFFPM)	17.11.2010
804999	ALU	10-2012-7018754	KR101576451	KR	Synchronization Interface in a small form factor pluggable module (SFFPM)	17.11.2010
804999	ALU	13/510448	US8774339	US	Synchronization Interface in a small form factor pluggable module (SFFPM)	17.11.2010
807262	ALU	101119964	TWI481288	TW	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	04.06.2012
806084	ALU	09360052.6	EP2330850	FR	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	07.12.2009
806084	ALU	09360052.6	EP2330850	DE	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	07.12.2009
806084	ALU	09360052.6	EP2330850	GB	Identification Of Receiving BSR-Femto From Handover From Macro Cellular Network	07.12.2009
811896	ALU	12290304.0		EP	Amplifier Efficiency Enhancement By Conditioning Signals To The Conduction Of Transistors	19.09.2012
102802	ALU	01300114.4	EP1143643	FR	Improved transission spectral efficiency of optical DWDM channels.	08.01.2001
102802	ALU	01300114.4	EP1143643	DE	Improved transission spectral efficiency of optical DWDM channels.	08.01.2001
102802	ALU	01300114.4	EP1143643	GB	Improved transission spectral efficiency of optical DWDM channels.	08.01.2001
812319	ALU	13/553751	US8949440	US	System And Method For Adaptive Rate Determination In Mobile Video Streaming	19.07.2012
810355	ALU	101128255	TWI487389	TW	Incast-avoidance Scheme For Data Center Networks	06.08.2012
Bu 3-4-33 (T)	ALU	20127019442	KR101259775	KR	Methods And Devices For Defending A 3G Wireless Network Against A Signaling Attack	27.09.2007
804313	ALU	02732282.5	EP1430632	FR	Topology Discovery in Optical WDM Networks	04.06.2002
804313	ALU	02732282.5	EP1430632	DE	Topology Discovery in Optical WDM Networks	04.06.2002
804313	ALU	02732282.5	EP1430632	IT	Topology Discovery in Optical WDM Networks	04.06.2002
804313	ALU	02732282.5	EP1430632	GB	Topology Discovery in Optical WDM Networks	04.06.2002
807027	ALU	201180016111.6	ZL2011800161116	CN	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807027	ALU	2013501768	JP5553933	JP	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807027	ALU	20127025393	KR101418271	KR	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
807027	ALU	13/580451	US9001658	US	Dynamically configurable parallel architecture for energy efficient packet aggregation and transport	25.03.2011
137984	ALU	06300981.5	EP1768351	FR	Equalized Network Latency For Multi-Player Gaming	26.09.2006
137984	ALU	06300981.5	EP1768351	DE	Equalized Network Latency For Multi-Player Gaming	26.09.2006
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Akyamac 1-6-37 (AA)	ALU	09731798.6	EP2291958	FR	Methods Of Protection Sharing For Multi-Protected Optical Demands In Large-Scale WDM Mesh Networks	16.04.2009
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120239	ALU	13/022408	US8638798	US	ATM header reduction technique	07.02.2011
812555	ALU	12382486.4		EP	Out Of Path Transparent Caching	07.12.2012
Bu 1-2-28 (T)	ALU	05250060.0	EP1557984	FR	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	07.01.2005
Bu 1-2-28 (T)	ALU	05250060.0	EP1557984	DE	Network Architecture And Related Methods For Surviving Denial Of Service Attacks	07.01.2005
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808126	ALU	201180044895.3		CN	Content Capture Device And Methods For Automatically Tagging Content	12.09.2011

PATENT
REEL: 043967 FRAME: 0505

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
808126	ALU	11758653.7		EP	Content Capture Device And Methods For Automatically Tagging Content	12.09.2011
808126	ALU	20137006495	KR101432457	KR	Content Capture Device And Methods For Automatically Tagging Content	12.09.2011
134092	ALU	02022625.4	EP1303086	FR	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	09.10.2002
134092	ALU	02022625.4	EP1303086	DE	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	09.10.2002
134092	ALU	02022625.4	EP1303086	GB	A hierarchical protocol classification engine with integrated support for network address translation, firewall decision and quality of service (QOS) tagging	09.10.2002
807780	ALU	2013529558	JP5681289	JP	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	04.08.2011
807780	ALU	20137009692	KR101507721	KR	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	04.08.2011
807780	ALU	13/825480	US9179403	US	Control Of Femtocell Sleep-Modes Through Radio Transmissions Of Underlay Macrocell Base Stations	04.08.2011
Khan 46 (FU)	ALU	201334763	JP5642216	JP	Cell Switching And Packet Combining In A Wireless Communication System	11.07.2005
814195	ALU	12/636435	US8578491	US	Network Based Malware Detection And Reporting	11.12.2009
814201	ALU	13/083501	US8635697	US	Method And System For Operating System Identification In A Network Based Security Monitoring Solution	08.04.2011
805512	ALU	2013123414	JP5587467	JP	Receiver For Optical Transverse-Mode-Mutiplexed Signals	12.06.2013
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	FR	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	DE	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	IT	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
Graybeal 4-17 (JM)	ALU	09700322.2	EP2245763	ES	Realizing FDD Capability By Leveraging Existing TDD Technology	06.01.2009
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102456	ALU	00942171.0	EP1145378	GB	Miniature T-patch antenna.	08.06.2000
809624	ALU	201280023157.5		CN	HAS Session Reconstruction (HAS-SR)	07.05.2012
809624	ALU	14/117696	US8973077	US	HAS Session Reconstruction (HAS-SR)	07.05.2012
807262	ALU	201280027530.4	ZL201280027530.4	CN	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	03.05.2012
807262	ALU	12720379.2		EP	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	03.05.2012
801433	ALU	2013193780	JP5813072	JP	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
139270	ALU	05745576.8	EP1745577	FR	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	DE	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	IT	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	ES	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
139270	ALU	05745576.8	EP1745577	GB	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	03.05.2005
Blahut 44 (DE)	ALU	00305858.3	EP1071288	FR	Video Controller	11.07.2000
Blahut 44 (DE)	ALU	00305858.3	EP1071288	DE	Video Controller	11.07.2000
Blahut 44 (DE)	ALU	00305858.3	EP1071288	GB	Video Controller	11.07.2000
810355	ALU	201180073213.1		CN	Incast-avoidance Scheme For Data Center Networks	06.09.2011
810355	ALU	11872079.6	EP2754274	EP	Incast-avoidance Scheme For Data Center Networks	06.09.2011
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810355	ALU	14/237935	US9356878	US	Incast-avoidance Scheme For Data Center Networks	06.09.2011
139054	ALU	03026350.3	EP1432274	FR	PROTECTION REQUEST MESSAGES	18.11.2003
139054	ALU	03026350.3	EP1432274	DE	PROTECTION REQUEST MESSAGES	18.11.2003
139054	ALU	03026350.3	EP1432274	GB	PROTECTION REQUEST MESSAGES	18.11.2003
Khan 46 (FU)	ALU	05254150.5	EP1615460	FR	Cell Switching And Packet Combining In A Wireless Communication System	01.07.2005
Khan 46 (FU)	ALU	05254150.5	EP1615460	DE	Cell Switching And Packet Combining In A Wireless Communication System	01.07.2005
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800011	ALU	06301157.1	EP1924109	FR	Adaptive Indoor System	20.11.2006
800011	ALU	06301157.1	DE602006039102.1	DE	Adaptive Indoor System	20.11.2006
800011	ALU	06301157.1	EP1924109	GB	Adaptive Indoor System	20.11.2006
809499	ALU	2012800307485	ZL201280030748.5	CN	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809499	ALU	2014-516282	JP5693791	JP	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809499	ALU	1020147000367	KR10-1562526	KR	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809499	ALU	14/122290	US9178655	US	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	15.06.2012
809893	ALU	201280046191.4	ZL201280046191.4	CN	Archive Control For Text Messages	05.09.2012
Ma 29-67 (Z)	ALU	2014000292	JP5770867	JP	Method To Support User Location In In-Structure Coverage Systems	26.01.2009
805187	ALU	10763807.4	EP2486701	FR	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	DE	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	IT	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	NL	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	ES	Control and Use things through a video interaction	03.09.2010
805187	ALU	10763807.4	EP2486701	GB	Control and Use things through a video interaction	03.09.2010
139250	ALU	05010934.7	EP1608106	FR	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	20.05.2005
139250	ALU	05010934.7	EP1608106	DE	ALTERNATIVE BPON VIDEO OVERLAY USING PACKET VIDEO OVER GIGABIT ETHERNET	20.05.2005
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810355	ALU	1020147005423	KR101709932	KR	Incast-avoidance Scheme For Data Center Networks	06.09.2011
805803	ALU	09290976.1	EP2337241	FR	Automatic optimization of carrier phase estimator for non linear impairment mitigation in coherent systems	18.12.2009
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Cai 55-2-2-4-1-10 (Y)	ALU	07762569.7	EP1977554	FR	IMS Budget Control For A Media Change During An IMS Session	23.01.2007
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Feder 21-7-18-17-25 (PM)	ALU	14/256514	US9544809	US	Triggering Migration Of A Network Access Agent Associated With An Access Terminal	18.04.2014
809499	ALU	11305776.4	EP2538596	FR	Low complexity iterative de-mapping and FEC Decoding For Differential Encoded Transmission System	21.06.2011
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Kramer 9-16-6 (GG)	ALU	11171128.9	EP2385672	FR	Determining A Channel Matrix By Measuring Interference	23.06.2011
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814365	ALU	103121722	TWI1551072	TW	Stable Vectoring Despite Decision Errors in Error Feedback	24.06.2014
137821	ALU	05300047.7	EP1560398	FR	IP Flow Limiting	20.01.2005
137821	ALU	05300047.7	EP1560398	DE	IP Flow Limiting	20.01.2005
137821	ALU	05300047.7	EP1560398	GB	IP Flow Limiting	20.01.2005
Guo 16-83-66 (KH)	ALU	07753388.3	EP2002599	FR	Method And Apparatus For Improved Multicast Streaming In Wireless Networks	19.03.2007
105478	ALU	05300858.7	EP1657865	FR	Sanity Proved BGP-update message	26.10.2005
105478	ALU	05300858.7	EP1657865	DE	Sanity Proved BGP-update message	26.10.2005
105478	ALU	05300858.7	EP1657865	IT	Sanity Proved BGP-update message	26.10.2005
105478	ALU	05300858.7	EP1657865	ES	Sanity Proved BGP-update message	26.10.2005
Hofmann 19-7 (MA)	ALU	06845467.7	EP1961190	FR	Method And Network For Providing Service Blending To A Subscriber	14.12.2006
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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
812555	ALU	201380072510.3		CN	Out Of Path Transparent Caching	21.11.2013
812555	ALU	2015545729		JP	Out Of Path Transparent Caching	21.11.2013
812555	ALU	14/650105		US	Out Of Path Transparent Caching	21.11.2013
807262	ALU	201549120	JP5898351	JP	System, Apparatus And Method For Address Management In A Distributed Mobile Core Network	03.05.2012
Beck 7-20-8 (A)	ALU	07751144.2	EP1987655	FR	Method And Network For Providing Service Blending To A Subscriber	20.02.2007
Beck 7-20-8 (A)	ALU	07751144.2	EP1987655	DE	Method And Network For Providing Service Blending To A Subscriber	20.02.2007
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804823	ALU	10720699.7	EP2436147	FR	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
804823	ALU	10720699.7	EP2436147	DE	Convert Unicast Client Requests to Multicast for Load Balancing and High Availability	19.05.2010
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801048	ALU	201510550118.6		CN	CROSSTALK CHANNEL ESTIMATION BEFORE MODEM INITIALIZATION	01.09.2015
106330	ALU	07115744.0	EP1901099	FR	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	05.09.2007
106330	ALU	07115744.0	EP1901099	DE	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	05.09.2007
106330	ALU	07115744.0	EP1901099	GB	SPEED-UP OF TRANSPARENT OPTICAL NODES PROTECTION BASED ON WAVELENGTH SELECTIVE SWITCHES	05.09.2007
801433	ALU	09721326.8	EP2281366	FR	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
801433	ALU	09721326.8	EP2281366	DE	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
801433	ALU	09721326.8	EP2281366	GB	MPLS LSP Automation Engine For Ring Topologies	12.03.2009
814303	ALU	13290231.3	EP2854338	FR	Flexibly Configurable Traffic Generator With Minimal Resource Consumption	27.09.2013
814303	ALU	13290231.3	EP2854338	DE	Flexibly Configurable Traffic Generator With Minimal Resource Consumption	27.09.2013
814303	ALU	13290231.3	EP2854338	GB	Flexibly Configurable Traffic Generator With Minimal Resource Consumption	27.09.2013
Feder 20-6 (PM)	ALU	14/919947	US9392575	US	QoS-Aware Paging In A Wireless Communication System	22.10.2015
814365	ALU	13306127.5	EP2835911	FR	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	DE	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	IT	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
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814365	ALU	13306127.5	EP2835911	ES	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
817847	ALU	PCT/EP2016/055812		WO	Congestion Controlled Priority Scheduler	17.03.2016
814365	ALU	201480044364.8		CN	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
814365	ALU	2016-532331		JP	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
Gill 26-4-17-10-8 (DM)	ALU	07839857.5	EP2132595	FR	A High Speed Semiconductor Optical Modulator	30.10.2007
Gill 26-4-17-10-8 (DM)	ALU	07839857.5	EP2132595	DE	A High Speed Semiconductor Optical Modulator	30.10.2007
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135959	ALU	03004243.6	EP1343287	FR	GRAPHICAL SIP PROXY	26.02.2003
135959	ALU	03004243.6	EP1343287	DE	GRAPHICAL SIP PROXY	26.02.2003
135959	ALU	03004243.6	EP1343287	GB	GRAPHICAL SIP PROXY	26.02.2003
139157	ALU	04005495.9	EP1460808	FR	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	08.03.2004
139157	ALU	04005495.9	EP1460808	DE	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	08.03.2004
Leven 3 (A)	ALU	04250126.2	EP1962444	DE	Direct Optical N-State Phase Shift Keying	13.01.2004
Leven 3 (A)	ALU	04250126.2	EP1962444	GB	Direct Optical N-State Phase Shift Keying	13.01.2004
814365	ALU	10-2016-7005667		KR	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
814365	ALU	14/904579	US9722664	US	Stable Vectoring Despite Decision Errors in Error Feedback	31.07.2014
Cai 134-37 (Y)	ALU	09733839.6	EP2289254	FR	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	09733839.6	EP2289254	DE	Charging In LTE/EPC Communication Networks	26.03.2009
Cai 134-37 (Y)	ALU	09733839.6	EP2289254	GB	Charging In LTE/EPC Communication Networks	26.03.2009
814365	ALU	13306127.5	EP2835911	GB	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013
814365	ALU	13306127.5	EP2835911	NL	Stable Vectoring Despite Decision Errors in Error Feedback	06.08.2013

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Family / Internal file number	Source	Application Number	Grant Number	Country	Title	Application Date
804594	ALU	09305182.9	EP2224671	FR	Software architecture to merge telephony services over heterogeneous network	27.02.2009
804594	ALU	09305182.9	EP2224671	DE	Software architecture to merge telephony services over heterogeneous network	27.02.2009
804594	ALU	09305182.9	EP2224671	GB	Software architecture to merge telephony services over heterogeneous network	27.02.2009
139157	ALU	04005495.9	EP1460808	GB	INTER-DOMAIN CSPF ALGORITHM FOR SUPPORTING HIERARCHICAL ROUTING IN INTERCONNECTED MULTI-DOMAIN OPTICAL TRANSPORT NETWORKS	08.03.2004
807255	ALU	10290550.2	EP2442440	GB	Envelope Tracking Transmitter Architectures for coverage of Fragmented Frequency Bands	13.10.2010
Rao 4-34 (SA)	ALU	09729162.9	EP2263413	FR	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	09729162.9	EP2263413	DE	Method For Routing Via Access Terminals	18.03.2009
Rao 4-34 (SA)	ALU	09729162.9	EP2263413	GB	Method For Routing Via Access Terminals	18.03.2009
816876	ALU	201580005372.6		CN	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816876	ALU	15702867.1		EP	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816876	ALU	2016548012		JP	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816876	ALU	20167019630		KR	Greedy Randomized Algorithm Search Procedure (GRASP) For Caching-Aided Coded Multicasting	12.01.2015
816877	ALU	201580005361.8		CN	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	12.01.2015
816877	ALU	15701632.0		EP	HgC (Hierarchical Greedy Coloring) For Caching As Bandwith Multiplier	12.01.2015
807255	ALU	10290550.2	EP2442440	FR	Envelope Tracking Transmitter Architectures for coverage of Fragmented Frequency Bands	13.10.2010
807255	ALU	10290550.2	EP2442440	DE	Envelope Tracking Transmitter Architectures for coverage of Fragmented Frequency Bands	13.10.2010
Leven 3 (A)	ALU	04250126.2	EP1962444	FR	Direct Optical N-State Phase Shift Keying	13.01.2004
134247	ALU	07843575.7	EP2082555	DE	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	07843575.7	EP2082555	IT	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	07843575.7	EP2082555	ES	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
134247	ALU	07843575.7	EP2082555	GB	INTELLIGENCE NETWORK ANOMALY DETECION USING FUZZY SET CLASSIFICATION	29.09.2007
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817847	ALU	15305405.1		EP	Congestion Controlled Priority Scheduler	20.03.2015
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139270	ALU	14/251784		US	ETHERNET ALARM INDICATION SIGNAL (ETHAIS)	14.04.2014
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806290	ALU	201180007724.3	ZL201180007724.3	CN	Method And Apparatus For Managing Mobile Resource Usage	17.01.2011
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