504817926 03/13/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4864661

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)	01/15/2014

RECEIVING PARTY DATA

Name: CLUSTER LLC		
Street Address: C/O NATIONAL CORPORATE RESEARCH, LTD.		
Internal Address: 615 SOUTH DUPONT, HIGHWAY		
City:	DOVER	
State/Country:	DELAWARE	
Postal Code:	19901	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15606821

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	TLME-CL.HE430US4
NAME OF SUBMITTER:	JOHN R. LASTOVA
SIGNATURE:	/John R. Lastova/
DATE SIGNED:	03/13/2018

Total Attachments: 83

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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT ("Agreement") dated as of January 15, 2014 (the "Effective Date") by and between:

- (i) Telefonaktiebolaget L M Ericsson (publ), a company duly established under the laws of Sweden, with registration number 556016-0680, having its registered office at SE-164 83 Stockholm, Sweden ("Assignor"); and
- (ii) Cluster LLC, a Delaware limited liability company, with its registered office presently located at c/o National Corporate Research, Ltd., 615 South DuPont, Highway, Dover, Kent County, Delaware 19901 ("Assignee").

WITNESSETH:

WHEREAS, Assignee is an affiliate of Assignor and Assignor now wishes to transfer its rights in the Assigned Patents (as defined below) to Assignee as further set forth below.

NOW, THEREFORE, in consideration of the foregoing and the mutual promises and agreements contained in this Agreement, and for other good and valuable consideration the receipt and sufficiency of which are hereby acknowledged, the parties hereby agree as follows:

Assignment. Assignor hereby transfers, assigns and conveys to Assignee its right, title, and interest throughout the world (under any and all laws and in any and all jurisdictions) in and to all of the patents, patent applications and provisional patent applications set forth on Schedule A attached hereto (collectively, the "Assigned Patents"), in each case, subject to all existing encumbrances. Pursuant to the foregoing assignment, each of the Assigned Patents shall hereafter be for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors and assigns, as fully and entirely as the same would have been held and enjoyed by the applicable Assignor if this Agreement had not been made. The foregoing assignment includes, without limitation, the rights of Assignor, if any, to (A) register or apply in all countries and regions for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for the Assigned Patents; (B) prosecute, maintain and defend the Assigned Patents before any public or private agency, office or registrar including by filing reissues, reexaminations, divisions, continuations, continuations-in-part, substitutes, extensions and all other applications and post issue proceedings included in the Assigned Patents; (C) claim priority based on the filing dates of any of the Assigned Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, and all other treaties of like purposes; and (D) sue and recover damages or other compensation for past, present or future infringements thereof, the right to sue and obtain equitable relief, including injunctive relief, in respect of such infringements, and the right to fully and entirely stand in the place of the applicable Assignor in all matters related to the Assigned Patents.

- 2. <u>Authorization</u>. Assignor also hereby expressly authorizes the respective patent office or governmental agency in each and every jurisdiction worldwide (including the Commissioner of Patents and Trademarks in the United States Patent and Trademark Office, and the corresponding entities or agencies in any applicable foreign countries or multinational authorities) (the "<u>Applicable IP Offices</u>") to: (A) issue any and all patents or certificates of invention or equivalent which may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the Assignor's interest therein; and (B) record Assignee as the assignee of the Assigned Patents and to deliver to Assignee, and to Assignee's attorneys, agents, successors or assigns, all official documents and communications as may be warranted by this Agreement.
- 3. <u>Further Assurances</u>. Each party hereby agrees to execute and deliver to the other party all necessary documents and take all necessary actions reasonably requested by such party from time to time to confirm or effect the assignments set forth in this Agreement, or otherwise to carry out the purposes of this Agreement, including, without limitation, by providing executed originals of short-form assignment agreements entered into by Assignor and Assignee on the Effective Date for filing or otherwise evidencing the assignments set forth in this Agreement with the Applicable IP Offices; <u>provided</u>, <u>however</u>, that nothing contained herein shall obligate Assignor to incur any cost or pay any expense in connection therewith.
 - 4. <u>Governing Law</u>. This Agreement shall be governed by the laws of Delaware.
- 5. <u>General Provisions</u>. This Agreement may be executed in any number of counterparts, each of which shall be deemed to be an original, and all of which together shall constitute one and the same instrument. Delivery of an executed counterpart of a signature page to this Agreement by facsimile or electronic mail shall be as effective as delivery of a manually executed counterpart of this Agreement. This Agreement may not be supplemented, altered, or modified in any manner except by a writing signed by all parties hereto. The failure of any party to enforce any terms or provisions of this Agreement shall not waive any of its rights under such terms or provisions.

[Remainder of this page intentionally left blank.]

IN WITNESS WHEREOF, Assignor and Assignee have caused this instrument to be executed by their respective duly authorized representative as of the Effective Date.

Assignor:

TELEFONAKTIEBOLAGET L M ERICSSON (PUBL)

By Min Mugherson

Name: Nina Macpherson

Title: Senior Vice President & General Counsel

By

Name: Christina Petersson

Title: Vice President, Head of IPR Legal

Services

Assignee:

CLUSTER LLA

Name: John Han

Title: Authorized Person

Schedule A

LIST OF ASSIGNED PATENTS

							Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P07658		Method and arrangement in a					
FAM	AR	telecommunication system	GRANTED	980100160	1998-01-14	011414B1	2004-11-12
P09314		Random access in a mobile					
FAM	AR	telecommunications system	GRANTED	P990102235	1999-05-12	AR019843B1	2005-07-29
P24013		METHOD AND ARRANGEMENT IN					
FAM	AR	A TELECOMMUNICATION SYSTEM	FILED	080101774	2008-04-25		
		RESOURCE SELECTION FOR					
P26727		TRANSMISSION OF MULTIPLE		2010 01			
FAM	AR	ACK/NACK ON PUCCH CHANNEL	FILED	01703	2010-05-14		
P25371		Method and Arrangement in a					
FAM	AT	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS				- Committee	
		COMMUNICATIONS SYSTEM FOR		-			
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	AT	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P06455		Intelligent battery charging in a			occusion of		
FAM	AU	hand-held phone	GRANTED	57088/96	1996-05-03	723981	2000-12-21
P07039		Device and method for a radio					
FAM	AU	transmitter	GRANTED	3365297	1997-06-04	724097	2000-07-19
P07658		Method and arrangement in a					
FAM	AU	telecommunication system	GRANTED	5684098	1997-12-19	730678	2001-03-08
P07726		Intelligent terminal application					
FAM	AU	protocol	GRANTED	55826/98	1997-12-30	732466	2001-04-26
P08163		Method and arrangement in a					
FAM	AU	communications network	GRANTED	7532598	1998-05-26	741103	2001-11-22
P08902		On-line notification in a mobile					
FAM	AU	communications system	GRANTED	21937/99	1998-12-18	748197	2002-09-12
P09314		Random access in a mobile					
FAM	ΑU	telecommunications system	GRANTED	45382/99	1999-05-07	766788	2004-02-05
		Method, apparatus and system					
P10311		for determining a location of a				•	
FAM	AU	frequency synchronization signal	GRANTED	49434/99	1999-06-22	757757	2003-06-26
		A wireless communication					
P11227		system that supports mobile test					
FAM	AU	software agents	GRANTED	21319/00	1999-12-07	765479	2004-01-08
		A Method for Synchronizing a					
P11506		Host Database and a Remote					
FAM	AU	Database	GRANTED	29545/00	2000-02-09	762743	2003-10-16
P16882							
FAM	AU	Radio Communications	GRANTED	49072/99	1999-07-05	753690	2003-02-06
P17539		Middleware Application					
FAM	AU	Environment;	GRANTED	2003273912	2003-09-22	200327392	2009-10-29

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
	İ	METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	AU	SYSTEM	FILED	2008357514	2008-12-18		
		METHOD AND ARRANGEMENT IN		-			
P26440		A CELLULAR COMMUNICATIONS	***************************************	1			
FAM	AU	SYSTEM	FILED	2013263845	2008-12-18	0000	000000 about a
		RESOURCE SELECTION FOR				· · · · · · · · · · · · · · · · · · ·	
P26727		TRANSMISSION OF MULTIPLE					
FAM	AU	ACK/NACK ON PUCCH CHANNEL	FILED	2009346255	2009-05-26		
P12951		Method and devices for dialing					
FAM	BE	services	GRANTED	00981313-0	2000-11-28	1234471	2009-06-03
P20657		Method and arrangement for					
FAM	BE	authentication and privacy	GRANTED	05757079-8	2005-07-07	1900169	2010-03-02
P21986		User Equipment Information					
FAM	BE	based binding	GRANTED	06807758.5	2006-11-06	2080343	2010-09-22
P24262		A METHOD AND DEVICE FOR					
FAM	BE	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
P25371		Method and Arrangement in a				İ	
FAM	BE	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
	ļ	COMMUNICATIONS SYSTEM FOR					ļ
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN				i	
P25614		AN UPLINK TRANSMISSION					
FAM	BE	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		A Method and Apparatus for					
P06197		Locating a Digital Control Channel					
FAM	BR	in a Radio communication System	GRANTED	Pi9405703-6	1994-11-01	Pi9405703-6	2001-02-20
P06455		Intelligent battery charging in a					
FAM	BR	hand-held phone	GRANTED	P19608273-9	1996-05-03	PI9608273-9	2002-07-09
P07039		Device and method for a radio			***************************************	PL9710044-	
FAM	BR	transmitter	GRANTED	Pi9710044-7	1997-06-04	7	2010-02-23
P07726		Intelligent terminal application				PL9714265-	
FAM	BR	protocol	GRANTED	Pi9714265-4	1997-12-30	4	2011-10-04
P09314		Random access in a mobile					
FAM	BR	telecommunications system	FILED	PI9910499-7	1999-05-07		
		A portable communication					
		device, and a method for					
P11482	1	determining a power					
FAM	BR	consumption thereof	FILED	PI0007688-0	2000-01-21		
		Single sign-on for users of a					
P17270]	packet radio network roaming in		PI 03178004-			8
FAM	BR	a multinational operator network	FILED	8	2003-01-10		
P20897		Retransmission Protocol with two					
FAM	BR	Feedback Mechanisms	FILED	PI 0609889-4	2006-05-17		
P20914		HOST IDENTITY PROTOCOL					
FAM	BR	METHOD AND APPARATUS	FILED	P10610269-7	2006-05-23		
P20920		Method and apparatus for					
FAM	BR	identifying an IMS service	FILED	Pl0520192-6	2005-05-25		
P20936				1		-	
FAM	BR	Efficient Cell Selection	FILED	PI0619226-2	2006-10-24		Ì

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P21986		User Equipment Information					
FAM	BR	based binding	FILED	PI 0622082-7	2006-11-06		
		METHOD AND ARRANGEMENT IN					1
P26440		A CELLULAR COMMUNICATIONS		PCT/SE2008/			
FAM	BR	SYSTEM	FILED	051494	2008-12-18		
		A Method and Apparatus for					
P06197		Locating a Digital Control Channel					
FAM	CA	in a Radio communication System	GRANTED	2152944	1994-11-01	2152944	1999-12-07
		A Method and Apparatus for					
P06197		Locating a Digital Control Channel		- The state of the			
FAM	CA	in a Radio communication System	GRANTED	2287016	1994-11-01	2287016	2001-09-25
P07726		Intelligent terminal application					
FAM	CA	protocol	GRANTED	2277090	1997-12-30	2277090	2007-04-24
P08902		On-line notification in a mobile					
FAM	CA	communications system	GRANTED	2316889	1998-12-18	2316889	2008-06-03
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Method and arrangement for					
P08953		establishing an encrypted				İ	
FAM	CA	connection	GRANTED	2319320	1999-01-14	2319320	2007-12-11
P09314		Random access in a mobile					
FAM	CA	telecommunications system	GRANTED	2331997	1999-05-07	2331997	2011-04-12
P09544		Pipeline processing for data					
FAM	CA	channels	GRANTED	2356921	1999-12-17	2356921	2010-02-16
P09638							
FAM	CA	One-bit correlator rake receiver	GRANTED	2335020	1999-06-08	2335020	2009-12-22
		Method and device for avoiding					
₽09727		interruptions in voice					
FAM	CA	transmissions	GRANTED	2356883	1999-11-10	2356883	2008-05-20
***************************************		Method and system for					
P11226		monitoring power output in					
FAM	CA	transceivers	GRANTED	2356906	1999-12-14	2356906	2008-04-22
		Multipoint Data Synchronization					
P11334		Protocol to Avoid Data					
FAM	CA	Corruption	GRANTED	2361461	2000-02-07	2361461	2008-04-22
P11958		Tailored power levels at handoff					
FAM	CA	and call setup	GRANTED	2371299	2000-04-14	2371299	2008-01-22
P12156							-
FAM	CA	Facilitating Data Transmission	GRANTED	2383897	2000-08-16	2383897	2005-06-14
P12168							
FAM	CA	Method for authorization check	GRANTED	2281816	1998-02-05	2281816	2007-09-18
P12241		Hierarchy of the ways of					·
FAM	CA	addressing messages	GRANTED	2345071	1999-10-15	2345071	2008-04-08
		Method and system for					
		exchanging control information			-		
P12318		between nodes in multimedia					
FAM	CA	networks	GRANTED	2379159	2000-07-11	2379159	2013-07-02
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675	BANK TOTAL	IS USED FOR THE SPECIFIC					
FAM	CA	ACCESS	GRANTED	2411267	2001-07-06	2411267	2010-12-21

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		SINGLE ANTENNA INTERFERENCE					
		CANCELLATION VIA					
		COMPLEMENT SUBSPACE					
		PROJECTION IN SPATIAL-					
P20252		TEMPORAL EXPANSION OF NOISE					
FAM	CA	ESTIMATION	FILED	2628366	2006-11-27		
P20920		Method and apparatus for					
FAM	CA	identifying an IMS service	GRANTED	2609639	2005-05-25	2609639	2013-07-09
P22639							
FAM	CA	Error Recovery for Rich Media	FILED	2660278	2007-06-25	one and a second	
P25371		Method and Arrangement in a				,	
FAM	CA	Telecommunication System	FILED	2710155	2008-11-07		
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC	3				
FAM	CH	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P21986		User Equipment Information					
FAM	CH	based binding	GRANTED	06807758.5	2006-11-06	2080343	2010-09-22
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF		1			
FAM	СН	RECEIVER	GRANTED	08759954.4	2008-05-23	2156551	2010-09-01
P25371		Method and Arrangement in a					
FAM	CH	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	СН	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
.,		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	CH	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
		Method and arrangement for					
P08953		establishing an encrypted					
FAM	CL	connection	GRANTED	157-99	1999-01-29	42.240	2005-07-25
P06455		Intelligent battery charging in a					
FAM	CN	hand-held phone	GRANTED	96193777.7	1996-05-03	96193777.7	2001-11-21
P07039		Device and method for a radio	GIG WILLS	3023377777		ZL97195928-	2001 11 21
FAM	CN	transmitter	GRANTED	971959285	1997-06-04	5	2003-06-18
17.0344		Rechargeable battery with safety	GIVITIE	1 37 2333203	1557 00 04	3	2003 00 10
P07586		circuit for a portable electric				ZL97180537-	
FAM	CN	apparatus	GRANTED	97180537-7	1997-12-18	7	2002-02-06
P07658	CIV	Method and arrangement in a	JIMMILD	3/10033/-/	1337-14-10	ZL97181325.	2002-02-00
FAM	CN	telecommunication system	GRANTED	07101225 6	1007 12 10	6	2002 05 24
		Intelligent terminal application	CIVAMIED	97181325-6	1997-12-19	ZL97182019-	2003-05-21
P07726	CNI	, -	CDANTED	07102010 0	1007 12 20		3006.01.04
FAM POZOC1	CN	Protocol	GRANTED	97182019-8	1997-12-30	8 71,000,043,74	2006-01-04
P07961	CN	Power amplifier and method	CDANITES	00004374.0	1000 01 02	ZL98804374-	2002 07 02
FAM	CN	therein	GRANTED	98804374-2	1998-04-03	2	2003-07-02

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Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P08041		Bit detection method in a radio			· · · · · · · · · · · · · · · · · · ·	ZL98805252.	
FAM	CN	communications system	GRANTED	98805282-2	1998-05-15	2	2004-06-09
P08165		Arrangement and method by a					
FAM	CN	mobile tranceiver	GRANTED	98806423-5	1998-06-09	98806423-5	2004-04-14
P08580		An identification arrangement				ZL98810577-	
FAM	CN	and method	GRANTED	98810577-2	1998-10-27	2	2004-01-14
P08902		On-line notification in a mobile		3002007.		ZL98813837-	2001 01 - 1
FAM	CN	communications system	GRANTED	98813837-9	1998-12-18	9	2003-12-10
	CIX	Method and arrangement for	0.0000100	3001303. 2	1000 12 10		2000 12 10
P08953		establishing an encrypted				ZL99802545-	
FAM	CN	connection	GRANTED	99802545-3	1999-01-14	3	2003-06-18
P09011		CONNECCION	010/11/20	33002343 3	1333 01 14	ZL99807146-	2003 00 10
FAM	CN	Signal synchronization	GRANTED	998071463	1999-06-02	3	2009-02-04
P09314	CIV	Random access in a mobile	GIANTED	338071403	1333-00-02		2005-02-04
FAM	CN	telecommunications system	GRANTED	998062073	1999-05-07	ZL99806207	2006-03-01
	LIV.	Pipeline processing for data	GRANTED	990002073	1555-05-07	ZL99815082.	2006-03-01
P09544	CN	channels	CDANTED	00015000.7	1000 12 17	1	2004 01 14
FAM	CN	cnanneis	GRANTED	99815082-7	1999-12-17	7	2004-01-14
P09638	CN		CDANTED	00000450.1	1000 00 00	ZL99809450-	2024 20 00
FAM	CN	One-bit correlator rake receiver	GRANTED	99809450-1	1999-06-08	1	2004-09-08
545544		Method, apparatus and system				71.000.000.4.5	
P10311		for determining a location of a				ZL99809916-	
FAM	CN	frequency synchronization signal	GRANTED	99809916-3	1999-06-22	3	2003-09-24
P10827		DATA UNIT SENDING MEANS					
FAM	CN	AND CONTROL METHOD	GRANTED	00810810-2	2000-05-19	00810810-2	2007-07-18
P10933						ZL00816568-	
FAM	CN	High-Q Gyrator Structures	GRANTED	00816568-8	2000-11-13	8	2005-04-27
		Method and Apparatus for					
P10950		Generating a Linearly Modulated				ZL99811811-	
FAM	CN	Signal Using Polar Modulation	GRANTED	99811811-7	1999-10-06	7	2003-12-10
		A wireless communication					
P11227		system that supports mobile test				ZL99816357.	
FAM	CN	software agents	GRANTED	99816357-0	1999-12-07	0	2004-07-07
P11315		Mobile Terminal Interface					
FAM	CN	Adaptions	GRANTED	00805499.1	2000-01-27	00805499-1	2004-05-05
		Multipoint Data Synchronization					
P11334		Protocol to Avoid Data				ZL00805924-	
FAM	CN	Corruption	GRANTED	00805924.1	2000-02-07	1	2004-10-27
		A portable communication				1	
		device, and a method for					
P11482		determining a power				ZL00805641~	
FAM	CN	consumption thereof	GRANTED	00805641-2	2000-01-21	2	2004-07-21
		A Method for Synchronizing a					
P11506		Host Database and a Remote					
FAM	CN	Database	GRANTED	00803528-8	2000-02-09	00503528-8	2004-04-28
V		Mobile Station Assisted Forward				:	
P11807		Link Open Loop Power And Rate				ZL01806226-	
FAM	CN	Control In CDMA System	GRANTED	01806226-1	2001-01-05	1	2005-07-20
		Methods and Apparatus for					
		Improving Adaptive Filter	шанила				
P11922		Performance by Inclusion of		-		ZL00810939-	
	1	Inaudible Information	GRANTED	00810939-7	2000-05-23	7	2005-05-11

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Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P11927		Voltage/current regulator and	The state of the s			ZL00806184.	
FAM	CN	method for battery charging	GRANTED	00806184-X	2000-03-29	X	2008-08-06
P11976		Methods and arrangements in a	:			ZL00814616.	
FAM	CN	telecommunications system.	GRANTED	00814616.0	2000-10-04	0	2009-05-27
P12002			1000			ZL01822526.	
FAM	CN	Fast Decoding of Long Codes	GRANTED	01822526-8	2001-12-07	8	2007-05-30
P12168			-			ZL98802667-	
FAM	CN	Method for authorization check	GRANTED	98802667-8	1998-02-05	8	2004-02-25
P12241		Hierarchy of the ways of				ZL99812338-	
FAM	CN	addressing messages	GRANTED	99812338-2	1999-10-15	2	2005-09-07
		A mobile station, a method of					1
		transmitting electronic					
P12247		information, and a				ZL00817346-	
FAM	CN	communications system	GRANTED	00817346-X	2000-11-17	X	2004-11-10
P12266		Method and arrangement in a				ZL00817869-	
FAM	CN	communication network	GRANTED	00817869.0	2000-10-19	0	2007-01-10
		Method and system for					
		exchanging control information					
P12318		between nodes in multimedia	,				
FAM	CN	networks	GRANTED	00810255-4	2000-07-11	1158819	2004-07-21
		Method and apparatus for					
P12868		Channel Estimation with Transmit				ZL00812755-	
FAM	CN	Diversity	GRANTED	00812755-7	2000-07-12	7	2004-10-13
		System and method for dual		ļ			
		microphone signal noise					
P13137		reduction using spectral			İ	ZL01807028-	
FAM	CN	subtraction	GRANTED	01807028-0	2001-01-16	0	2005-03-16
P13139		Phase-Compensated Impedance					
FAM	CN	Converter	GRANTED	00817685-X	2000-12-20	ZL0081768-5	2006-12-27
P13148		Exchange of multicall capabilities				ZL01803594-	
FAM	CN	between UE and CN in UMTS	GRANTED	01803594-9	2001-01-09	9	2006-01-04
P13210		Method and apparatus for				ZL00813668-	
FAM	CN	transmit power control	GRANTED	00813668-8	2000-09-29	8	2006-02-08
		Launching Application from					
P13211	†	Embedded Indicator in a Short				ZL	
FAM	CN	Message Service Message	GRANTED	00815985-8	2000-09-20	00815985-8	2005-02-09
		A System and Method for					
		Sending Multimedia Attachments					
P13212		to Text Messages in				ZL00814143-	
FAM	CN	Radiocommunication Systems	GRANTED	00814143-6	2000-08-07	6	2004-03-24
P13372						ZL00813559-	
FAM	CN	Versatile charge sampling circuits	GRANTED	00813559-2	2000-09-25	2	2004-11-03
		METHODS AND APPARATUS FOR					
P13638		CHANNEL ESTIMATION USING					
FAM	CN	PLURAL CHANNELS	GRANTED	02827649-3	2002-11-13	02827649.3	2008-05-14
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE				1	
		CAPABILITY OF THE BEARER THAT		1		and the state of t	
	F	CARDIELL OF THE DEAREN HIM	1	ļ	1	1	
P13675		IS USED FOR THE SPECIFIC			i	ZL01812465-	

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
Valetelife	Consti	MOBILE COMMUNICATION] 316103	Kup w.	Mun Date	ratem wo.	Date
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS				awa 10 and 10 an	
		TAILORED DEPENDING ON THE					
012675		CAPABILITY OF THE BEARER THAT		20074042622	1000	71.20074.042	
P13675	CN	IS USED FOR THE SPECIFIC	CDANITED	20071012632	2004 07 06	ZL20071012	2042 04 02
FAM	CN	ACCESS	GRANTED	2-0	2001-07-06	6322.0	2013-01-02
P14082	CNI	Method and arrangement in a	CDANTED	020244#0.0	2002 42 05	ZL02824450-	2000 04 22
FAM	CN	telecommunication system	GRANTED	02824450-8	2002-12-05	8	2009-04-22
DACEAA		Method and memory controller				7102025422	
P16511	0.4	for scalable multi-channel	00441750			ZL03825422.	
FAM	CN	memory access	GRANTED	03825422.0	2003-09-19	0	2009-01-07
		Privacy Lockbox XML form to					
P16657		database query		20048000781		ZL20048000	
FAM	CN	withcustomization possibility	GRANTED	1.9	2004-03-18	7811.9	2010-12-08
P16882						1	
FAM	CN	Radio Communications	GRANTED	99808643.6	1999-07-05	99808643-6	2005-06-08
		METHOD OF AND APPARATUS					
P17481		FOR NOISE WHITENING		20048003037		ZL20048003	
FAM	CN	FILTERING	GRANTED	6-1	2004-10-08	0376.1	2009-07-29
P17891	:					ZL03826655-	
FAM	CN	IP Based Signalling Networks	GRANTED	03826655-5	2003-06-18	5	2009-07-22
		METHOD OF AND APPARATUS					
		FOR SINGLE ANTENNA				477	
P17926		INTERFERENCE REJECTION		20048004335		ZL20048004	
FAM	CN	THROUGH RELAXATION	GRANTED	9-1	2004~10-08	3359.1	2009-09-16
P18082		Monitoring in a			1	ZL03827028-	
FAM	CN	telecommunication network	GRANTED	03827028-5	2003-09-05	5	2009-05-13
P18218				20048000943		ZL20048000	
FAM	CN	RLC window size reconfiguration	GRANTED	3.8	2004-04-06	9433.8	2010-06-16
		SYSTEM AND METHOD FOR					
P18265		REPORTING MEASUREMENTS IN				ZL03827125.	
FAM	CN	A COMMUNICATION SYSTEM	GRANTED	03827125-7	2003-09-30	7	2010-01-20
		A METHOD AND SYSTEM FOR					
		INCLUDING LOCATION					
P18279		INFORMATION IN A USSD		20048002215		ZL20048002	
FAM	CN	MESSAGE BY A NETWORK NODE	GRANTED	8.3	2004-07-29	2158.3	2009-09-09
		POWER CONTROL AND CHANNEL		1		-	
P18385		SELECTION IN A MULTI CHANNEL		20048004470		ZL20048004	
FAM	CN	COMMUNICATION SYSTEM	GRANTED	0.5	2004-12-22	4700.5	2013-02-06
P18547		CHANNEL ESTIMATION BY		20048003369		ZL20048003	
FAM	CN	ADAPTIVE INTERPOLATION	GRANTED	0-5	2004-11-11	3690.5	2012-10-10
P18547		CHANNEL ESTIMATION BY		20121016454			
FAM	CN	ADAPTIVE INTERPOLATION	FILED	4.2	2004-11-11		
		Successive Interference				100	
P18658		Cancellation in a Generalized		20058000710		ZL20058000	
FAM	CN	Rake Receiver Architecture	GRANTED	4-4	2005-01-21	7104.4	2013-05-29
P18788		CONTROL OF MOBILE PACKET		20048003829		ZL20048003	
FAM	CN	STREAMS	GRANTED	3-7	2004-02-27	8293-7	2011-06-08
P18801		Adaptive threshold for HS-SCCH		20048002965		ZL20048002	
FAM	CN	part 1 decoding	GRANTED	8.X	2004-10-06	9658.X	2013-03-27
P18801		Adaptive threshold for HS-SCCH		20101012892	- Contraction	ZL20101012	
FAM	CN	part 1 decoding	GRANTED	2.2	2004-10-06	8922.2	2012-04-25

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		MEMORY INTERFACE FOR					
		SYSTEMS WITH MULTIPLE					
P18802		PROCESSORS AND ONE MEMORY		20048002932		ZL20048002	
FAM	CN	SYSTEM	GRANTED	6-1	2004-10-06	9326.1	2013-03-20
		A METHOD AND SYSTEM FOR		:			
P19017		REWARDING USERS OF SERVICES		20058004103		ZL20058004	
FAM	CN	IN A COMMUNICATIONS SYSTEM	GRANTED	3-X	2005-12-01	1033.X	2012-06-27
		Method and System for					
P19043		Determining Uplink/Downlink		20048003493		ZL20048003	
FAM	CN	Path-Loss Difference	GRANTED	8-X	2004-11-19	4938.X	2011-08-24
P19078		CO-SEQUENCE INTERFERENCE		20048004336		ZL20048004	
FAM	CN	DETECTION AND TREATMENT	GRANTED	0.4	2004-06-18	3360.4	2012-06-20
P19191		SYNCHRONIZATION DETECTION		20058002259		ZL20058002	
FAM	CN	METHODS AND APPARATUS	GRANTED	3-0	2005-04-28	2593.0	2010-12-29
P19227		TECHNIQUE FOR DISTRIBUTING		20048004279		ZL20048004	
FAM	CN	CONTENT DATA	GRANTED	4-2	2004-04-20	2794-2	2012-11-04
		Adaptive CS-voice solution for					
P19259		simplified management of IP-		20068002105		ZL20068002	
FAM	CN	networks	GRANTED	0.1	2006-06-15	1050.1	2012-10-10
P19504		A printed board assembly with	0,111,311,20	20048004448		ZL20048004	2012 10 10
FAM	CN	improved heat disposition	GRANTED	7.8	2004-11-30	448.7	3/21/2012
1 7 17 17	CIV	Puncturing/Depuncturing using	GRANIED	7.0	2004-11-30	440.7	3/21/2012
P19560		Compressed Differential		20058003888		ZL20058003	
FAM	CN	Puncturing Pattern	GRANTED	1-5	2005-10-07	8881.5	2012-03-21
1 73141	C34	Method and Information	OIMIVIED	1-3	2003-10-07	3001.3	2012-03-21
P19566		Database Structure for Faster		20058003252		ZL20058003	
FAM	CN	Data Access	GRANTED	1-4	2005-09-23	2521.4	2010-09-15
: (.)()(Interleaving / De-interleaving	GRAINTED	7-4	2003-03-23	2321.4	2010-09-13
P19617		using compressed bit-mapping		20058004814		ZL20058004	
FAM	CN	sequences	GRANTED	5-8	2005-12-16	8145.8	2012-04-25
1 73301	CIV	A METHOD AND APPARATUS FOR	OIMITED	J-0	2003-12-10	0143.6	2012-04-23
P19705		BROADCASTING PUSH-TO-TALK		20058005109		ZL20058005	
FAM	CN	GROUP SESSIONS	GRANTED	9.7	2005 07 19		2012 07 11
FAIVI	CIN	Mechnism of device to control	GRANTED	3.7	2005-07-18	1099.7	2012-07-11
D10717		the uniqueness and provisioning		20050002674			
P19743	CNI	of public service identities in a multimedia network	FUED	20058002674	2005 00 10		
FAM	CN		FILED	0.1	2005-08-10		
		Apparatus and method providing					
846000		rapid talk burst control for puch		200.000.000			
P19883		to talk over cellular (PoC)	CDANTED	20048004402	2021.00.01	ZL20048004	2242 27 42
FAM	CN	communications	GRANTED	9.4	2004-09-21	4029.4	2010-05-12
P19936		METHOD OF AND SYSTEM FOR		20131009878			
FAM	CN	PIXEL SAMPLING	FILED	8.X	2005-09-19		
P20454		CIRCULAR FAST FOURIER		20068004724		ZL20068004	
FAM	CN	TRANSFORM	GRANTED	6-8	2006-12-12	7246.8	2012-01-11
		Adjusting a filter of a time-				attaches and a second	
P20842		continuous Sigma-Delta		20068005310		ZL20068005	
FAM	CN	converter	GRANTED	8.0	2006-12-02	3108.0	2012-07-04
P20897		Retransmission Protocol with two		20068001787		ZL20068001	
FAM	CN	Feedback Mechanisms	GRANTED	5.6	2006-05-17	7875.6	2011-09-07
P20914		HOST IDENTITY PROTOCOL		20068001846		ZL20068001	
FAM	CN	METHOD AND APPARATUS	GRANTED	6.8	2006-05-23	8466.8	2011-04-20

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Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P20920		Method and apparatus for		20058004988		ZL20058004	
FAM	CN	identifying an IMS service	GRANTED	1-5	2005-05-25	98815	2012-08-29
P20921		Call forwarding in an IP		20058004992		ZL20058004	
FAM	CN	Multimedia Subsystem	GRANTED	6-9	2005-05-27	9926-9	2012-08-29
P20936				20068004433		ZL20068004	
FAM	CN	Efficient Cell Selection	GRANTED	9.5	2006-10-24	4339.5	2012-10-10
		Methods to enhance Principal					
P20998		Referencing proposals in Identity-		20068002235		ZL20068002	
FAM	CN	based scenarios	GRANTED	7.3	2006-06-23	2357.3	2011-06-15
P21004		DYNAMIC ROBUST HEADER		20068002244		ZL20068002	
FAM	CN	COMPRESSION	GRANTED	2-X	2006-06-19	2442.X	2011-03-23
		TRANSMITTERWITHINTELLIGENT					
		PRE-					
P21481		CONDITIONINGOFAMPLIFIERSIGN		20068005506		ZL20068005	
FAM	CN	AL	GRANTED	1-1	2006-10-03	5061.1	2012-06-06
P21672	V. ,	METHOD AND ARRANGEMENT IN		20068005462		ZL20068005	
FAM	CN	A COMMUNICATIONS SYSTEM	GRANTED	1.1	2006-05-19	4621.1	2012-08-29
		ENHANCING COVERAGE FOR	01011112		2000 03 13		
P21788		HIGH SPEED DOWNLINK PACKET		20068005518		ZL20068005	
FAM	CN	ACCESS (HSDPA) CHANNEL	GRANTED	5.X	2006-12-29	5185.X	2012-02-08
P21986		User Equipment Information	OID ATTER	20068005630	2000 12 23	ZL20068005	2012 02 00
FAM	CN	based binding	GRANTED	0.5	2006-11-06	6300.5	2012-08-08
37(4)	VI V	A mobile station communicating	GIVITED	0.5	2000 11 00	0300.3	2012 00 00
		with a base station via a separate		į			
		uplink when the parameters of	TALL STATE S			3	
P22098		channel quality fall below the		20068005639		ZL20068005	
FAM	CN	predefined thresholds	GRANTED	1.2	2006-11-17	6391.2	2012-11-28
173,41	CIV	A mobile station communicating	GRANTED	1.2	2000 11 17	0351.2	2012-31-20
		with a base station via a separate					
		uplink when the parameters of					
P22098		channel quality fall below the		20121021775			
FAM	CN	predefined thresholds	FILED	4.3	2006-11-17		
P22191	014	DMAC TO HANDLE TRANSFERS	1 1444	20078004408	2000 22 27	ZL20078004	
FAM	CN	OF UNKNOWN LENGTHS	GRANTED	2.8	2007-11-23	4082.8	2011-10-26
173141	Cit	A METHOD AND A SYSTEM FOR	OWNED	4.0	2007 11 25	1002.0	2011 10 20
		DYNAMIC PROBE				Management Profession	
P22392		AUTHENTICATION FOR TEST AND		20088000582		ZL20088000	1
FAM	CN	MONITORING OF SOFTWARE	GRANTED	2.1	2008-02-21	5822.1	2012-12-19
P22545		FAST, HIGH RESOLUTION	O.W. W. L.D	20078004713	2000 02 21	ZL20078004	2012 12 13
FAM	CN	DIGITAL-TO-ANALOG CONVERTER	GRANTED	1-3	2007-11-27	7131.3	2012-09-19
17.1141		Method and Apparatus for	0.0.0.0.0		2007 21 27	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2012 03 13
P22635		Receiving Radio Frequency		20078004527		ZL20078004	
FAM	CN	Signals	GRANTED	3-6	2007-10-03	5273.6	2013-08-21
1 / 1 4 1	CIV	A METHOD AND APPARATUS FOR	OII/ III/ED		1 2007 20 03	32/3.0	2013 00 21
		PROVIDING NETWORK					
P22710		RESOURCES TO CONTENT		20078005044		ZL20078005	
FAM	CN	PROVIDERS	GRANTED	4.4	2007-01-26	0444.4	2012-03-21
P22950	CIV	Backplane with flexible board	GWWILL	20078005247	2007-01-20	ZL20078005	2012-03-21
F22950 FAM	CN	width	GRANTED	3.4	2007-04-03	2473.4	2012-05-02
P23012	CIN	WIGHT	GRANIED	20088001527	2007-04-03	24/3.4	2012-03-02
	CN	HID NIONE DEACHABILITY	EHED	1	2000 05 00	5	
FAM	CN	HIP NODE REACHABILITY	FILED	0.2	2008-05-08		

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
Neierence	Contina	Method and system for using	JEGUS	L WAS INC.	why pare	ratentias.	Date
P23030		user equipment to compose an		20088000288		ZL20088000	
FAM	CN	ad-hoc mosaic	GRANTED	8-5	2008-01-21	2888-5	2012-07-11
P23447	CIV	Digitally controllable on-chip	GRANTED	20088001503	2006-01-21	2008800150	2012-07-11
	CN	resistors and methods	GRANTED	2.1	2008-05-06	1	2012 05 20
FAM	CIV	SYNCHRONIZATION TIME	GRAMIED	2.1	2008-05-06	32.1	2012-05-30
B22002				20070005270			
P23992	CN	DIFFERENCE MEASUREMENTS IN	FUED	20078005279	2007 42 24	-	
FAM	CN	OFDM SYSTEMS	FILED	7-8	2007-12-21		
		RADIO BEARER SPECIFIC					
P24155		CHANNEL STATE FEEDBACK		20078005227			
FAM	CN	REPORTING	FILED	0.5	2007-09-27		
P24262		A METHOD AND DEVICE FOR		20088002078			
FAM	CN	COMMUNICATIONS SYSTEM	FILED	0.9	2008-06-10		
		MEASURING PERFORMANCE OF					
P24834		WIRELESS PACKET		20098012018			
FAM	ÇN	COMMUNICATION	FILED	2.3	2009-03-27		
		Circuit board and power amplifier					
P24862		provided thereon, dual radio unit		20081000352		ZL20081000	
FAM	CN	board, and radio base station	GRANTED	1-7	2008-01-18	3521.7	2012-11-14
		PRESCHEDULED					
P24917		RETRANSMISSION FOR INITIAL		20078010207			
FAM	CN	ESTABLISHMENT	FILED	6.3	2007-12-20		
P25147		Technique for controlling a gain		20098011784			
FAM	CN	of a receiver	FILED	0.3	2009-05-08		
P25371		Method and Arrangement in a		20088012083			
FAM	CN	Telecommunication System	FILED	7.2	2008-11-07	Í	
·		METHOD AND ARRANGEMENT IN					
		A TELECOMMUNICATION SYSTEM					
		WITH SIGNALLING OF ASSIGNED					
P26232		DATA PACKETS IN A BUNDLING		20088012897			
FAM	CN	WINDOW	FILED	8.9	2008-10-03		
		A switch mode converter and a	1.22				
P26420		method of starting a switch mode		20098012354		ZL20098012	
FAM	CN	converter	GRANTED	7.8	2009-06-05	3547.8	2013-12-04
1731	CIV	METHOD AND ARRANGEMENT IN	OKANIED	7.0	2005-00-05	3347.0	2013-12-04
P26440		A CELLULAR COMMUNICATIONS		20088012969			
FAM	CN	SYSTEM	FILED	6.0	2008-12-18		
FAIVI	CIV	RESOURCE SELECTION FOR	FILED	0.0	2000-12-10		
006707]	20000016052			
P26727	CN	TRANSMISSION OF MULTIPLE	FUEN	20098016053	2000 05 20		
FAM	CN	ACK/NACK ON PUCCH CHANNEL	FILED	3.3	2009-05-26		<u> </u>
P29475	CN	METHODS AND ARRANGEMENTS	FUED	20098016015	2000 11 27	***************************************	
FAM	CN	FOR MOBILITY MANAGEMENT	FILED	9.7	2009-11-27		
P30137		Technique for Performing	101 C 1 100 P	20108006269	2040		
FAM	CN	Physical Layer Measurements	FILED	1.8	2010-11-25		ļ
P34503		METHOD AND BASE STATION IN		20128002323			
FAM	CN	A TELECOMMUNICATION SYSTEM	FILED	9X	2012-05-03		
		METHOD AND NETWORK NODE	200		***************************************	V-PRINCIPAL AND AND AND AND AND AND AND AND AND AND	
P34580	}	IN A WIRELESS COMMUNICATION		PCT/SE2011/			
FAM	CN	SYSTEM	FILED	051143	2011-09-26		
		METHOD AND ARRANGEMENT IN			1		
P26440	1	A CELLULAR COMMUNICATIONS					
FAM	co	SYSTEM	FILED	10-140911	2008-12-18	1	

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P18218							
FAM	CZ	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
P18343							
FAM	CZ.	Mixer with Feedback	GRANTED	04804115-6	2004-12-21	1698048	2010-03-10
P24262		A METHOD AND DEVICE FOR					
FAM	CZ	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
P25614 FAM	CZ	METHODS AND ARRANGEMENTS IN A WIRELESS COMMUNICATIONS SYSTEM FOR CONTROLLING THE TIMING OF A USER EQUIPMENT ENTERING IN AN UPLINK TRANSMISSION PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN		777777			
P26440		A CELLULAR COMMUNICATIONS					
FAM	cz	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P06455	<u> </u>	Intelligent battery charging in a					
FAM	DE	hand-held phone	GRANTED	69613836-0	1996-05-03	0824778	2001-07-11
P07039		Device and method for a radio				6973646900	
FAM	DE	transmitter	GRANTED	97929640-7	1997-06-04	8	2006-08-09
P07658		Method and arrangement in a				69736191-8-	
FAM	DE	telecommunication system	GRANTED	97953022-7	1997-12-19	08	2006-06-21
		Data partitioning and duplication					
P07659		in a distributed data processing					
FAM	DE	system	GRANTED	98904136-3	1998-01-16	69801418.9	2001-08-22
P07726		Intelligent terminal application				69736492-5-	
FAM	DE	protocol	GRANTED	97952167-1	1997-12-30	08	2006-08-09
P07926		Method and program module for					
FAM	DE	the configuration of a device	GRANTED	69836802-9	1998-03-19	69836802-9	2007-01-03
P07961		Power amplifier and method				69824846-5-	
FAM	DE	therein	GRANTED	98917849-6	1998-04-03	08	2004-06-30
P08041		Bit detection method in a radio					
FAM	DE	communications system	GRANTED	98923281-4	1998-05-15	0983655	2004-07-28
		Apparatus Enabling Usage Of				50040005.0	
P08114		External Display Monitor With A		69840096.8-		69840096.8-	
FAM	DE	Mobile Telephone	GRANTED	08	1998-04-28	08	2008-10-08
P08165		Arrangement and method by a				69838546.2-	
FAM	DE	mobile tranceiver	GRANTED	98929973-0	1998-06-09	08	2007-10-10
P08391		Travel converter for a mobile				69824733.7-	
FAM	DE	telephone	GRANTED	98935452-7	1998-07-24	08	2004-06-23
		Method, receiver and					
		multicarrier QAM system for					-
P08538		demodulation of an analog					
FAM	DE	multicarrier QAM signal	GRANTED	19742670-0	1997-09-26	19742670	2011-08-11
P08902		On-line notification in a mobile				69830517-5-	
FAM	DE	communications system	GRANTED	98965925-5	1998-12-18	08	2005-06-08
		Method and arrangement for					
P08953		establishing an encrypted					
FAM	DE	connection	GRANTED	99906599-8	1999-01-14	1051873	2005-06-01
P09011						69929976-4-	
FAM	DE	Signal synchronization	GRANTED	999300650	1999-12-23	08	2006-02-22

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P09314		Random access in a mobile	0.0000	2 12 62 2 2 2 2			
FAM	DE	telecommunications system	GRANTED	99928283-3	1999-05-07	69932514	2006-07-26
P09544		Pipeline processing for data	CIWITTED	33323233	1333 03 07	69927847.3-	2000 07 20
FAM	DE	channels	GRANTED	99965488-2	1999-12-17	08	2005-10-19
P09638		C. G. G. G. G. G. G. G. G. G. G. G. G. G.	ONTARILED	1 33303400 2	1333 12 17	100	2005 10 15
FAM	DE	One-bit correlator rake receiver	GRANTED	99931673.0	1999-06-08	1086535	2010-09-08
171141	ļ	Method and device for avoiding	SIVAITED	33331073.0	11333-00-08	1000555	2010-03-08
P09727		interruptions in voice					
FAM	DE	transmissions	GRANTED	69941012-6	1999-11-10	69941012-6	2009-06-17
P09730		Local SCP for a mobile integrated	GIVAIVIED	198323026-	1333-11-10	00041012-0	2003-00-17
FAM	DE	intelligent network	GRANTED	35	1998-07-17	19832302	2006-10-12
IAIVI	DL DL	Method, apparatus and system	GRARIED	33	1336-07-17	13632302	2000-10-12
P10311		for determining a location of a				69935072-7-	
FAM	DE	frequency synchronization signal	GRANTED	99933369-3	1999-06-22	08	2007 02 07
P10827	UL	DATA UNIT SENDING MEANS	GRANTED	99933309-3	1999-00-22		2007-02-07
FAM	DE		CRANTED	000000044.4	2000 05 10	00001000 1	3000 10 11
P10933	DE	AND CONTROL METHOD	GRANTED	00929541-1	2000-05-19	60031263-1	2006-10-11
	DE	High O Curator Structures	GRANTED	10050000	1000 17 07	10050000	2011 12 07
FAM	DE DE	High-Q Gyrator Structures Method and Apparatus for	GRANIED	19958096-0	1999-12-02	19958096	2011-12-07
P10950		Generating a Linearly Modulated					
	DE		CDANTED	00056435.4	1000 10 00	C0010500	2002 00 20
FAM		Signal Using Polar Modulation INTEGRATION OF NARROWBAND	GRANTED	99956435-4	1999-10-06	69910599	2003-08-20
D4 1 0 0 1		i					
P11091	25	AND BROADBAND SS7 PROTOCOL	COARTED	60044067.0	3000 05 40	50044057.3	7000 04 00
FAM	DE	STACKS	GRANTED	60041967-3	2000-05-18	60041967-3	2009-04-08
D44337		A wireless communication					
P11227	25	system that supports mobile test	COALTED	000055000	1000 17 07	4442225	2000 40 00
FAM	DE	software agents	GRANTED	99965626-7	1999-12-07	1142396	2008-10-29
P11273	D.F.	Adaptability to Multiple Hand-	CDANITCO	000043564	2000 05 00	60040600.8-	2000 40 00
FAM	DE	Free Communication Accessories	GRANTED	00931266.1	2000-05-29	08	2008-10-22
244324		Multipoint Data Synchronization	,				
P11334	55	Protocol to Avoid Data	COALTED	000000000	2000 02 07	60022767-7-	2005 20 24
FAM	DE	Corruption	GRANTED	00908165-4	2000-02-07	08	2005-09-21
		A portable communication					
D44400		device, and a method for					
P11482	5.5	determining a power	COANTED	00004467.4		60032578.4-	0000 10 27
FAM	DE	consumption thereof	GRANTED	00904167.4	2000-01-21	08	2006-12-27
		VOICE COMMUNICATION					
B44533		BETWEEN A PORTABLE					
P11532		COMMUNICATION APPARATUS	00.10	04070400		60133022-6-	
FAM	DE	AND AN EXTERNAL TERMINAL	GRANTED	01970430-3	2001-09-21	08	2008-02-27
		Methods and Apparatus for					
B44000		Improving Adaptive Filter]
P11922		Performance by Inclusion of				60030137-0-	
FAM	DE	Inaudible Information	GRANTED	00938672-3	2000-05-23	08	2006-08-16
P11929		Flexible Rate Matching					
FAM	DE	Implementation	GRANTED	02774625.4	2002-09-18	1464135	2013-07-10
P11976		Methods and arrangements in a		69925732/8-			
FAM	DE	telecommunications system.	GRANTED	08	1999~10-22	1094682	2005-06-08
P12002						601.38565.9-	1
FAM	DE	Fast Decoding of Long Codes	GRANTED	01991800-2	2001-12-07	08	2009-04-29
P12118				-			
FAM	DE	Amplifier	GRANTED	00956490-7	2000-08-25	60002494-6	2003-05-02

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Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P12156							
FAM	DE	Facilitating Data Transmission	GRANTED	60033162-8	2000-08-16	60033162-8	2007-01-24
P12218						60120978-8-	
FAM	DE	Simple chip identification	GRANTED	01962828-8	2001-07-05	08	2006-06-21
		A mobile station, a method of					
		transmitting electronic					
P12247		information, and a				69927277-7-	
FAM	DE	communications system	GRANTED	99610083-0	1999-12-27	08	2005-09-14
P12266		Method and arrangement in a				60037593-5-	
FAM	DE	communication network	GRANTED	00973313-0	2000-10-19	08	2007-12-26
		Method and system for					
		exchanging control information	1				
P12318		between nodes in multimedia					
FAM	DE	networks	GRANTED	60047076-8	2000-07-11	60047076-8	2012-04-11
		Method and apparatus for					
P12868		Channel Estimation with Transmit					
FAM	DE	Diversity	GRANTED	009544883	2000-07-12	60034043-0	2007-03-21
P12907		Improved Fractional-N Phase					
FAM	DE	Locked Loop	GRANTED	01921286-9	2001-02-28	60100896-0	2003-10-01
P12951		Method and devices for dialing					
FAM	DE	services	GRANTED	60042341-7	2000-11-28	60042341.7	2009-06-03
P13139		Phase-Compensated Impedance					
FAM	DE	Converter	GRANTED	00985220.3	2000-12-20	60047526.3	2012-09-26
P13148		Exchange of multicall capabilities					
FAM	DE	between UE and CN in UMTS	GRANTED	60146838	2001-01-09	60146838	2012-07-18
		A method of converting the					
		speech rate of a speech signal,				1	
P13172		use of the method, and a device				60025158.6-	
FAM	DE	adapted therefor	GRANTED	00610036-6	2000-04-06	08	2005-12-28
P13210		Method and apparatus for					
FAM	DE	transmit power control	GRANTED	00964573-0	2000-09-29	60032914-3	2007-01-10
		Launching Application from					
P13211		Embedded Indicator in a Short	000				
FAM	DE	Message Service Message	GRANTED	00960680-7	2000-09-20	60016941	2004-12-22
		A System and Method for					
		Sending Multimedia Attachments		E .			
P13212		to Text Messages in				1	
FAM	DE	Radiocommunication Systems	GRANTED	00954595-5	2000-08-07	DE60001463	2003-02-19
P13259		Analogue to digital signal	1				
FAM	DE	conversion	GRANTED	01947358-6	2001-06-11	60103275-6	2004-05-12
P13372							
FAM	DE	Versatile charge sampling circuits	GRANTED	60045867-9	2000-09-25	60045867-9	2011-04-20
P13384						60104121-6-	
FAM	DE	Frequency Multiplexer	GRANTED	01962830-4	2001-07-05	08	2004-06-30
P13443		Linear dead-band-free digital					
FAM	DE	phase detection	GRANTED	01953155-7	2001-05-21	60125764.2	2007-01-03
		A Communications Interface					
P13629		Device for Receiving Digital	1		900	60112238.0-	
FAM	DE	Signals	GRANTED	01610016-6	2001-02-27	08	2005-07-27

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
	, , , , , , , , , , , , , , , , , , ,	MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC			T. C. C. C. C. C. C. C. C. C. C. C. C. C.	60123631-9-	
FAM	DE	ACCESS	GRANTED	01950140-2	2001-07-06	08	2006-10-04
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					3
FAM	DE	ACCESS	GRANTED	06120339.4	2001-07-06	60146576.8	2012-05-16
P14082		Method and arrangement in a		602339650-			
FAM	DE	telecommunication system	GRANTED	08	2002-12-05	1452065	2009-10-07
		POWER CONTROL IN MOBILE					
P14748		RADIO COMMUNICATIONS				60238506.7-	
FAM	DE	SYSTEMS	GRANTED	02791844.0	2002-12-18	08	2010-12-01
P14877		Transmit receive switch with high				60234723.8-	
FAM	DE	power protection	GRANTED	02708912.7	2002-03-22	08	2009-12-09
///		METHOD AND ARRANGEMENTS					
P15087		RELATING TO A RADIO					ĺ
FAM	DE	COMMUNICATION SYSTEM	GRANTED	03710592.1	2003-04-02	1493237	2009-06-17
P16240						6022643590	
FAM	DE	Sound synthesiser	GRANTED	60226435908	2002-09-02	8	2008-05-07
P16882							
FAM	DE	Radio Communications	GRANTED	99932820.6	1999-07-05	69903818.9	2002-11-06
		SYNCHRONIZING METHOD AND					
		APPARATUS USING ERROR					
		DETECTION OF SEQUENCE					
P16904		NUMBERS TO AVOID			1		
FAM	DE	SYNCHRONIZING FAILURE	GRANTED	03730966.3	2003-05-27	60340415.4	2012-03-28
		Single sign-on for users of a					
P17270		packet radio network roaming in				Part and the second sec	
FAM	DE	a multinational operator network	GRANTED	60320028-1	2003-01-10	60320028-1	2008-03-26
P18082		Monitoring in a				60327562-1-	
FAM	DE	telecommunication network	GRANTED	03818594-8	2003-09-05	08	2009-05-06
P18218					1		
FAM	DE	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
		SYSTEM AND METHOD FOR			V 70	-	
P18265		REPORTING MEASUREMENTS IN					
FAM	DE	A COMMUNICATION SYSTEM	GRANTED	03818802.5	2003-09-30	1668939	2010-09-01
		A METHOD AND SYSTEM FOR			000		
		INCLUDING LOCATION					
P18279		INFORMATION IN A USSD	AB===	0.7000	000.0	6020040417	2017
FAM	DE	MESSAGE BY A NETWORK NODE	GRANTED	04763643.6	2004-07-29	90.4	2013-04-17
P18343						6020040259	
FAM	DE	Mixer with Feedback	GRANTED	04804115-6	2004-12-21	77.2-08	2010-03-10
		POWER CONTROL AND CHANNEL			TOWARD		
P18385	_	SELECTION IN A MULTI CHANNEL				60 2004 023	
FAM	DE	COMMUNICATION SYSTEM	GRANTED	04809182-1	2004-12-22	010.3-08	2009-09-02

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P18466		Fast Soft Value Computation		60200401914			
FAM	DE	Methods for Gray-Mapped QAM	GRANTED	7-7	2004-12-20	1704691	2009-01-14
		Method and arrangement for					
P18588		services running on service				60 2005 019	
FAM	DE	execution platform	GRANTED	05722105-3	2005-03-22	627.7-08	2010-02-24
P18788		CONTROL OF MOBILE PACKET				6020040381	
FAM	DE	STREAMS	GRANTED	04715612.0	2004-02-27	83.7	2012-06-13
P18801		Adaptive threshold for HS-SCCH				6020040277	
FAM	DE	part 1 decoding	GRANTED	08075048.2	2004-10-06	71-1	2010-06-16
P18801		Adaptive threshold for HS-SCCH		60200403046		6020040304	
FAM	DE	part 1 decoding	GRANTED	0-3	2004-10-06	60-3	2010-12-08
		MEMORY INTERFACE FOR					
		SYSTEMS WITH MULTIPLE					
P18802		PROCESSORS AND ONE MEMORY		60200401231		6020040123	
FAM	DE	SYSTEM	GRANTED	0.2-08	2004-10-06	10.2-08	2008-03-05
		Method and System for					
P19043		Determining Uplink/Downlink				6020040282	
FAM	DE	Path-Loss Difference	GRANTED	04819603.4	2004-11-19	83.9-08	2010-07-21
P19067		SESSION INITIATION PROTOCOL				6020040061	
FAM	DE	SIGNALLING	GRANTED	04701012.9	2004-01-09	71-9	2007-04-25
P19078		CO-SEQUENCE INTERFERENCE	GIVATED	0-701012.5	2004 01 03	74.5	2007 04-25
FAM	DE	DETECTION AND TREATMENT	GRANTED	04749029.7	2004-06-18	04749029.7	2008-11-12
P19191	0.	SYNCHRONIZATION DETECTION	GIWIITIED	04743025.7	2004 00 20	6020050085	2000 11 12
FAM	DE	METHODS AND APPARATUS	GRANTED	05744940-7	2005-04-28	97.1-08	2008-07-30
1 73811	DL	USSD-FACILITATED CALL SETUP	GRANTED	03/44340-/	2003-04-28	37.1-08	2008-07-30
P19399		FOR PUSH TO TALK OVER	The state of the s			6020050188	
FAM	DE	CELLULAR (POC) SERVICES	GRANTED	05807177-0	2005-11-21	15.0	2010-01-06
3 74101	UL.	Method of and system for delay	GRANIED	03807177-0	2003-11-21	1,3.0	2010-01-00
P19599		estimation with minimized finger				6020050414	
FAM	DE	allocation	GRANTED	05005754.4	2005 11 20		2012 40 02
FAIVI	UL	Mechnism of device to control	GRANTED	05825754.4	2005-11-29	16.9	2013-10-02
		the uniqueness and provisioning					
P19743		of public service identities in a				6020050150	
FAM	DE	multimedia network	GRANTED	05772079-9	2005-08-10	6020050158 64.2-08	2000 00 05
LY(A)	DE	Apparatus and method providing	GRANIED	05/72079-9	2003-08-10	04.2-06	2009-08-05
		rapid talk burst control for puch					
P19883		to talk over cellular (PoC)				6020040179	
FAM	DE	communications	GRANTED	04769439-3	2004 00 21		2000 11 10
P19936	DE	METHOD OF AND SYSTEM FOR	GRAINTED		2004-09-21	15-9	2008-11-19
	DE		GRANTED	60200502856	2005 00 10	6020050285	2011 00 15
FAM	טב	PIXEL SAMPLING	GRANIED	7-9	2005-09-19	67-9	2011-06-15
D20164		Method and Nodes for Handling		C0200E01CC1		C0200F01CC	
P20164	DE.	Calls in an Intelligent	CDANTED	60200501661	2005 07 22	6020050166	2000 00 00
FAM	DE	Telecommunications Network	GRANTED	7-3	2005-07-22	17-3	2009-09-09
P20657	D.C.	Method and arrangement for	CDANTED	05757070.0	2225 27 27	6020050192	2040.00.00
FAM	DE	authentication and privacy	GRANTED	05757079-8	2005-07-07	55-7-08	2010-03-02
D20042		Adjusting a filter of a time-				6020050155	***************************************
P20842	5-	continuous Sigma-Delta	CDACTES	07000444	2005	6020050152	
FAM	DE	converter	GRANTED	05388114-0	2005-12-22	37.7-08	2009-07-01
P20914		HOST IDENTITY PROTOCOL				6020060172	
FAM	DE	METHOD AND APPARATUS	GRANTED	06763242.2	2006-05-23	03-6	2010-09-29
P20920	_	Method and apparatus for			***	P602005014	
FAM	DE	identifying an IMS service	GRANTED	05754544-4	2005-05-25	150-2	2009-04-22

							Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P20921		Call forwarding in an IP				6020050106	
FAM	DE	Multimedia Subsystem	GRANTED	05743157-9	2005-05-27	16-2-08	2008-10-22
		Methods to enhance Principal					
P20998		Referencing proposals in Identity-		60200600980		6020060098	
FAM	DE	based scenarios	GRANTED	6-5	2006-06-23	06-5	2009-10-14
		METHOD AND TERMINATION					
P21502		NODE FOR BUNDLING MULTIPLE		60200600835	:	6020060083	
FAM	DE	MESSAGES INTO A PACKET	GRANTED	9-9	2006-03-28	59-9	2009-08-05
P21558		Method and apparatus for use in				6020060086	
FAM	DE	a communications network	GRANTED	06708015-0	2006-02-03	69-5-08	2009-08-19
P21958		A System and a Method relating					
FAM	DE	to Network Management	GRANTED	06819467.9	2006-11-14	2090022	2014-01-15
P21986		User Equipment Information				6020060171	
FAM	DE	based binding	GRANTED	06807758.5	2006-11-06	23-4	2010-09-22
P21986		User Equipment Information				6020060385	
FAM	DE	based binding	GRANTED	10177818.1	2006-11-06	30-7	2013-09-18
P22160	<u> </u>	EFFICIENT DATA INTEGRITY		60200700584			
FAM	DE	PROTECTION	GRANTED	3-0	2007-12-11	2103033	2010-04-07
P22191		DMAC TO HANDLE TRANSFERS		60200700861		-	
FAM	DE	OF UNKNOWN LENGTHS	GRANTED	4-0	2007-11-23	2097828	2010-08-18
		Method and Apparatus for					
P22635]	Receiving Radio Frequency		60200701111			
FAM	DE	Signals	GRANTED	0-2	2007-10-03	2095518	2010-12-08
		METHOD AND APPARATUS FOR					
		ALLOCATING USABLE SUB-			1		
		CARRIERS TO PHYSICAL					
P22642		RESOURCE BLOCKS IN A MOBILE					
FAM	DE	TELECOMMUNICATIONS SYSTEM.	GRANTED	07801919-7	2007-08-27	2057799	2010-03-31
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF		60200800243		6020080024	
FAM	DE	RECEIVER	GRANTED	4-2	2008-05-23	34-2	2010-09-01
		Method and apparatus for					
P23276		interference suppression in a				6020080149	
FAM	DE	wireless communication receiver	GRANTED	08761343.6	2008-06-24	33-1	2012-04-18
P23447		Digitally controllable on-chip		60200800258			
FAM	DE	resistors and methods	GRANTED	1-0	2008-05-06	2145340	2010-09-15
P24262		A METHOD AND DEVICE FOR		60200802445		and the state of t	
FAM	DE	COMMUNICATIONS SYSTEM	GRANTED	5.5	2008-06-10	2168293	2013-05-08
		CELL RESELECTION BASED ON					
		USE OF RELATIVE THRESHOLDS IN					
P24645	•	A MOBILE TELECOMMUNICATION				LL CONTROL OF THE CON	
FAM	DE	SYSTEM	GRANTED	08758630.1	2008-05-19	2183929	2011-07-06
		MEASURING PERFORMANCE OF					
P24834		WIRELESS PACKET				6020090038	
FAM	DE	COMMUNICATION	GRANTED	09726168.9	2009-03-27	39.7	2011-11-23
		PRESCHEDULED					
P24917		RETRANSMISSION FOR INITIAL					
FAM	DE	ESTABLISHMENT	GRANTED	07861158.9	2007-12-20	2223456	2012-09-12
		ADAPTIVE SCHEDULING FOR	7.00				
P25095		HALF-DUPLEX WIRELESS				6020080198	
FAM	DE	TERMINALS	GRANTED	08849748.2	2008-11-13	61.8	2012-10-31

							Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P25147		Technique for controlling a gain		60200800178		6020080017	
FAM	DE	of a receiver	GRANTED	9.3-08	2008-05-14	89.3-08	2010-07-14
P25371		Method and Arrangement in a		60200800457			
FAM	DE	Telecommunication System	GRANTED	4.9	2008-11-07	2208384	2011-01-12
P25371		Method and Arrangement in a	REGISTER	20200801834		2020080183	
FAM	DE	Telecommunication System	ED	4-8	2008-11-07	44-8	2013-02-06
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS	-			The state of the s	***************************************
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
55554		USER EQUIPMENT ENTERING IN					
P25614	25	AN UPLINK TRANSMISSION	CRANTER	00070440 5	2000 12 15		
FAM	DE	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P25950		DRX functionality in Multi-Carrier	CRANTED	00070504	2000 00 02	2250552	2012 07 17
FAM	DE	LTE	GRANTED	08873569.1	2008-09-03	2260663	2013-07-17
000440		METHOD AND ARRANGEMENT IN	- more and				
P26440	D.F.	A CELLULAR COMMUNICATIONS	CDANTED	00074562.2	2000 42 40	2201205	2011 11 20
FAM	DE	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
D3700F		Method and Device for a tracking				5030400003	
P27995	D E	area update of a mobile device in	CDANTED	101501405	2010 04 00	6020100093	2012 00 14
FAM	DE	a communication network	GRANTED	10159148.5	2010-04-06	16-6	2013-08-14
חבפבת		A method and arrangement for				6030000383	
P28370	חר	estimating the quality	CDANTED	00045600.0	2000 06 04	6020090182	7017 00 71
FAM	DE	degradation of a processed signal Method and arrangement in a	GRANTED	09845609.8	2009-06-04	98.6	2013-08-21
P30072	DE	wireless communication system	GRANTED	10711277.3	2010-03-12	2406607	2012 00 14
FAM	DE	Data insertion during local calls	GRANTED	10/112//.5	2010-03-12	2486687	2013-08-14
P30109		iin cellular telecommunications				6020100077	
FAM	DE	networks	GRANTED	10151290.3	2010-01-21	43-8	2013-06-12
17(1)	DL	METHODS AND ARRANGEMENTS	OTTAINTED	10131230.3	2010 01 21	45.0	2013-00-12
		FOR IMPROVING MBMS IN A					
P30136		MOBILE COMMUNICATION				İ	
FAM	DE	SYSTEM	GRANTED	10774308.0	2010-09-15	2486738	2014-01-22
P30137		Technique for Performing				6020100133	
FAM	DE	Physical Layer Measurements	GRANTED	10790891.5	2010-11-25	53-2	2014-01-22
P20914		HOST IDENTITY PROTOCOL					
FAM	DK	METHOD AND APPARATUS	GRANTED	06763242.2	2006-05-23	1884102	2010-09-29
P24262		A METHOD AND DEVICE FOR					
FAM	DK	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					400
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	DK	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	DZ	SYSTEM	GRANTED	100750	2008-12-18	7519	2011-12-29
P07039		Device and method for a radio					
FAM	EE	transmitter	GRANTED	P199800450	1997-06-04	03364	2001-02-15

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Rechargeable battery with safety					777
P07586		circuit for a portable electric	470				7777
FAM	EE	apparatus	GRANTED	P199900249	1997-12-18	03539	2001-10-15
P07658		Method and arrangement in a					
FAM	EE	telecommunication system	GRANTED	P199900284	1997-12-19	03654	2002-02-15
P08165		Arrangement and method by a				The Address of the Ad	
FAM	EE	mobile tranceiver	GRANTED	P199900555	1998-06-09	03648	2002-02-15
P16882						**************************************	
FAM	EE	Radio Communications	GRANTED	0004/01PC	1999-07-05	04328	2004-06-21
P24262		A METHOD AND DEVICE FOR	•				
FAM	EE	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
P23767		METHOD AND ARRANGEMENT IN					
FAM	EĠ	A TELECOMMUNICATION SYSTEM	GRANTED	1363/2009	2007-10-16	26160	2013-04-01
		SYNCHRONIZATION TIME	***************************************			**************************************	
P23992		DIFFERENCE MEASUREMENTS IN					
FAM	EG	OFDM SYSTEM\$	FILED	1593/2009	2007-12-21		
P25371		Method and Arrangement in a				ar there are a second	
FAM	EG	Telecommunication System	FILED	1042/2010	2008-11-07		
P06455		Intelligent battery charging in a	-	The state of the s		a mexicon	70000
FAM	EP	hand-held phone	GRANTED	96915279.2	1996-05-03	0824778	2001-07-11
P07039		Device and method for a radio					
FAM	EP	transmitter	GRANTED	97929640.7	1997-06-04	0901721	2006-08-09
P07577							
FAM	EP	USSD-positioning	GRANTED	97953755.2	1997-12-08	0966853	2006-05-03
P07658		Method and arrangement in a	1				
FAM	EP	telecommunication system	GRANTED	97953022.7	1997-12-19	0950328	2006-06-21
		Data partitioning and duplication					
P07659		in a distributed data processing					
FAM	EP	system	GRANTED	98904136.3	1998-01-16	0953173	2001-08-22
P07726		Intelligent terminal application				***************************************	7
FAM	EP	protocol	GRANTED	97952167.1	1997-12-30	1005762	2006-08-09
P07926		Method and program module for					
FAM	EP	the configuration of a device	GRANTED	98917010.5	1998-03-19	0970421	2007-01-03
P07961		Power amplifier and method					
FAM	EP	therein	GRANTED	98917849.6	1998-04-03	0983631	2004-06-30
P08041		Bit detection method in a radio					
FAM	EP	communications system	GRANTED	98923281.4	1998-05-15	0983655	2004-07-28
		Apparatus Enabling Usage Of					
P08114		External Display Monitor With A					
FAM	EP	Mobile Telephone	GRANTED	98920796.4	1998-04-28	0979570	2008-10-08
P08165		Arrangement and method by a			a regional control of the control of		
FAM	EP	mobile tranceiver	GRANTED	98929973.0	1998-06-09	0986887	2007-10-10
P08391		Travel converter for a mobile					
FAM	EP	telephone	GRANTED	98935452.7	1998-07-24	1002436	2004-06-23
		Method, receiver and]				
		multicarrier QAM system for				The state of the s	
P08538		demodulation of an analog					***
FAM	EP	multicarrier QAM signal	GRANTED	98947552.0	1998-09-25	1018253	2007-08-01
		Announcing advertisements to					
P08790		telecommunications system					
FAM	EP	users	GRANTED	98966926.2	1998-12-24	1042900	2004-03-17

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P08902		On-line notification in a mobile					
FAM	EP	communications system	GRANTED	98965925.5	1998-12-18	1044573	2005-06-08
		Method and arrangement for					
P08953		establishing an encrypted					
FAM	EP	connection	GRANTED	99906599.8	1999-01-14	1051873	2005-06-01
P09011							
FAM	EP	Signal synchronization	GRANTED	999300650	1999-12-23	1086546	2006-02-22
P09314		Random access in a mobile					
FAM	EP	telecommunications system	GRANTED	99928283.3	1999-05-07	1078478	2006-07-26
P09544		Pipeline processing for data				:	
FAM	EP	channels	GRANTED	99965488.2	1999-12-17	1141856	2005-10-19
P09638							
FAM	EP	One-bit correlator rake receiver	GRANTED	99931673.0	1999-06-08	1086535	2010-09-08
		Method, apparatus and system					
P10311		for determining a location of a					
FAM	EP	frequency synchronization signal	GRANTED	99933369.3	1999-06-22	1092289	2007-02-07
P10827	•	DATA UNIT SENDING MEANS					
FAM	EP	AND CONTROL METHOD	GRANTED	00929541.1	2000-05-19	1180292	2006-10-11
P10933							
FAM	ΕP	High-Q Gyrator Structures	GRANTED	00974525.8	2000-11-13	1234378	2003-09-03
		Method and Apparatus for					
P10950		Generating a Linearly Modulated					
FAM	EP	Signal Using Polar Modulation	GRANTED	99956435.4	1999-10-06	1119902	2003-08-20
1744		INTEGRATION OF NARROWBAND	GIGATES	33330 133,4	1000 1000	***************************************	2000 00 20
P11091		AND BROADBAND SS7 PROTOCOL	-				1
FAM	EP	STACKS	GRANTED	00936772.3	2000-05-18	1188324	2009-04-08
17001	<u>L1</u>	A method and a system relating	ONAMILE	00330772.3	2000-03-18	1188524	2003-04-08
P11176		to a mobile communication					
FAM	EP	device	GRANTED	00939249,9	2000-06-05	1183885	2008-07-09
FAIVI	LI	A wireless communication	OKANTED	00933249.9	2000-00-03	1792992	2008-07-03
P11227		system that supports mobile test	-				
FAM	EP	software agents	GRANTED	99965626.7	1999-12-07	1142396	2008-10-29
P11273	<u> </u>	Adaptability to Multiple Hand-	GRAIVIED	33303020,7	1333-1207	1142330	2008-10-23
	EP	Free Communication Accessories	GRANTED	00931266.1	2000-05-29	1186156	2008-10-22
FAM	LF		GRANIED	00331200.1	2000-03-29	1190130	2000-10-22
D11224		Multipoint Data Synchronization					
P11334	EP	Protocol to Avoid Data Corruption	CDANTED	00908165.4	2000 03 07	1200744	2005 00 21
FAM	<u> </u>		GRANTED	00306165.4	2000-02-07	1206744	2005-09-21
		A portable communication					
244402		device, and a method for					
P11482	- FD	determining a power	CDANITED	000044674	2000 04 24	4447640	2006 12 27
FAM	EP	consumption thereof	GRANTED	00904167.4	2000-01-21	1147648	2006-12-27
		VOICE COMMUNICATION					
D44533		BETWEEN A PORTABLE					
P11532		COMMUNICATION APPARATUS		04070400			2000 00 00
FAM	EΡ	AND AN EXTERNAL TERMINAL	GRANTED	01970430.3	2001-09-21	1325648	2008-02-27
		Methods and Apparatus for			1		
		Improving Adaptive Filter					
P11922		Performance by Inclusion of					0000
FAM	EP	Inaudible Information	GRANTED	00938672.3	2000-05-23	1210814	2006-08-16
P11929		Flexible Rate Matching					
FAM	EP	Implementation	GRANTED	02774625.4	2002-09-18	1464135	2013-07-10

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P11976		Methods and arrangements in a					
FAM	EP	telecommunications system.	GRANTED	99850156.3	1999-10-22	01094682	2005-06-08
P12002						2	
FAM	EP	Fast Decoding of Long Codes	GRANTED	01991800.2	2001-12-07	1342325	2009-04-29
P12118							
FAM	EP	Amplifier	GRANTED	00956490.7	2000-08-25	1219024	2003-05-02
P12156							
FAM	EP	Facilitating Data Transmission	GRANTED	00958451.7	2000-08-16	1210835	2007-01-24
P12168							1000
FAM	EP	Method for authorization check	GRANTED	98905901.9	1998-02-05	0962071	2008-01-09
P12218							
FAM	EP	Simple chip identification	GRANTED	01962828.8	2001-07-05	1299883	2006-06-21
		A mobile station, a method of					T F A COURSE
		transmitting electronic			WANT DO LOCAL		
P12247		information, and a					
FAM	EP	communications system	GRANTED	99610083.0	1999-12-27	1115234	2005-09-14
P12263							
FAM	EP	Double Sided Gasket	GRANTED	00962466.9	2000-09-11	1214870	2003-04-23
P12266		Method and arrangement in a					- I
FAM	ΕP	communication network	GRANTED	00973313.0	2000-10-19	1226680	2007-12-26
		Method and system for					
		exchanging control information					
P12318		between nodes in multimedia					
FAM	EP	networks	GRANTED	00941810.4	2000-07-11	1192773	2012-04-11
		Method and apparatus for					
P12868		Channel Estimation with Transmit					
FAM	EP	Diversity	GRANTED	009544883	2000-07-12	1197026	2007-03-21
P12907		Improved Fractional-N Phase					
FAM	EΡ	Locked Loop	GRANTED	01921286.9	2001-02-28	1262016	2003-10-01
P12951		Method and devices for dialing	***************************************				THE PROPERTY OF THE PROPERTY O
FAM	EP	services	GRANTED	00981313.0	2000-11-28	1234471	2009-06-03
P12952							
FAM	EP	Reconfigurable Headset Switch	GRANTED	00988698.7	2000-11-07	1230781	2004-09-29
		System and method for dual					
		microphone signal noise					
P13137		reduction using spectral					
FAM	EP	subtraction	GRANTED	01900464.7	2001-01-16	1252796	2003-07-23
P13138							
FAM	EP	ESD protecting device	GRANTED	00982020.0	2000-11-28	1243053	2007-07-18
P13139		Phase-Compensated Impedance					
FAM	EP	Converter	GRANTED	00985220.3	2000-12-20	1250755	2012-09-26
P13148		Exchange of multicall capabilities					
FAM	ΕP	between UE and CN in UMTS	GRANTED	01942502.4	2001-01-09	1254580	2012-07-18
P13169		Matched crystal temperature					
FAM	EP	compensation device	GRANTED	99118046.4	1999-09-22	1087530	2003-05-28
		A method of converting the					
		speech rate of a speech signal,			***************************************	·	
P13172		use of the method, and a device		00540555			0005 15 55
FAM	EP	adapted therefor	GRANTED	00610036.6	2000-04-06	1143417	2005-12-28
P13178		System and Method for		4400000000			2000
FAM	EP	Modifying Speech Signals	GRANTED	01902325.8	2001-01-17	1252621	2003-11-05

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Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P13210		Method and apparatus for					
FAM	EP	transmit power control	GRANTED	00964573.0	2000-09-29	1216522	2007-01-10
		Launching Application from					
P13211		Embedded Indicator in a Short					
FAM	EP	Message Service Message	GRANTED	00960680.7	2000-09-20	1216561	2004-12-22
		A System and Method for					
		Sending Multimedia Attachments					
P13212		to Text Messages in					
FAM	EP	Radiocommunication Systems	GRANTED	00954595.5	2000-08-07	1206886	2003-02-19
P13259		Analogue to digital signal					
FAM	EP	conversion	GRANTED	01947358.6	2001-06-11	1290540	2004-05-12
		A method of manufacturing a				-	
		shell element provided with an					
P13263		undercut and a shell element					
FAM	EP	manufactured by said method	GRANTED	00610023.4	2000-02-23	1127672	2003-08-27
P13316		Combination switch and routing-					
FAM	EP	switching radio base station	GRANTED	01947002.0	2001-01-24	1250781	2007-08-15
P13372							
FAM	EP	Versatile charge sampling circuits	GRANTED	00968260.0	2000-09-25	1221166	2011-04-20
P13372							
FAM	EP	Versatile charge sampling circuits	FILED	10168098.1	2010-07-01		
P13384							
FAM	EP	Frequency Multiplexer	GRANTED	01962830.4	2001-07-05	1302000	2004-06-30
P13403		A pipelined microprocessor and a					
FAM	EP	method relating thereto	FILED	01970460.0	2001-09-26		
P13443		Linear dead-band-free digital					
FAM	EP	phase detection	GRANTED	01953155.7	2001-05-21	1297619	2007-01-03
		Mobile radio communication					
P13527		system and method for					
FAM	EP	controlling such system	GRANTED	01958400.2	2001-08-22	1312236	2013-12-18
		A Communications Interface					
P13629		Device for Receiving Digital					
FAM	EP	Signals	GRANTED	01610016.6	2001-02-27	1235388	2005-07-27
	:	METHODS AND APPARATUS FOR					
P13638	1	CHANNEL ESTIMATION USING					
FAM	EP	PLURAL CHANNELS	FILED	02790361.6	2002-11-13		
		Method and Apparatus for				E	
P13642		Producing Pictures within a Text				1	
FAM	EP	Display of a Mobile Device	GRANTED	01949477.2	2001-07-09	1317847	2010-11-17
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	EP	ACCESS	GRANTED	01950140.2	2001-07-06	1310114	2006-10-04
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	EP	ACCESS	GRANTED	06120339.4	2001-07-06	1727380	2012-05-16

Reference	Country	Title	Status	Арр Мо.	App Date	Patent No.	Patent Date
		Method and device for	APPROPRIATE OF THE PROPRIATE OF THE PROP				
P13838		generating an adapted reference					
FAM	EP	for speech recognition.	GRANTED	00123488.9	2000-11-07	1205906	2003-05-07
P13905							
FAM	EP	A transmitter	GRANTED	01982991.0	2001-11-07	1336252	2007-07-18
P14082		Method and arrangement in a					
FAM	ΕP	telecommunication system	GRANTED	02804372.7	2002-12-05	1452065	2009-10-07
		POWER CONTROL IN MOBILE					
P14748		RADIO COMMUNICATIONS					
FAM	EP	SYSTEMS	GRANTED	02791844.0	2002-12-18	1456968	2010-12-01
P14877		Transmit receive switch with high					
FAM	EP	power protection	GRANTED	02708912.7	2002-03-22	1504280	2009-12-09
		METHOD AND ARRANGEMENTS				The state of the s	
P15087		RELATING TO A RADIO					
FAM	EP	COMMUNICATION SYSTEM	GRANTED	03710592.1	2003-04-02	1493237	2009-06-17
P16240							
FAM	£Ρ	Sound synthesiser	GRANTED	02256081.7	2002-09-02	1394768	2008-05-07
P16300		Memory access from different					
FAM	EP	clock domains	GRANTED	02388045.3	2002-07-12	1380960	2010-02-24
		Method and memory controller					
P16511		for scalable multi-channel					
FAM	EP	memory access	FILED	02388067.7	2002-09-30	www	000
P16882							
FAM	EP	Radio Communications	GRANTED	99932820.6	1999-07-05	1095476	2002-11-06
		SYNCHRONIZING METHOD AND					
		APPARATUS USING ERROR					
		DETECTION OF SEQUENCE					
P16904		NUMBERS TO AVOID					70000
FAM	ΕP	SYNCHRONIZING FAILURE	GRANTED	03730966.3	2003-05-27	1510017	2012-03-28
		Single sign-on for users of a					
P17270		packet radio network roaming in					
FAM	ĒΡ	a multinational operator network	GRANTED	03701192.1	2003-01-10	1582081	2008-03-26
		METHOD OF AND APPARATUS					
P17481		FOR NOISE WHITENING					
FAM	EP	FILTERING	GRANTED	04765896.8	2004-10-08	1673911	2013-04-17
		METHOD OF AND APPARATUS					
		FOR SINGLE ANTENNA					
P17926		INTERFERENCE REJECTION					
FAM	EP	THROUGH RELAXATION	GRANTED	04790212.7	2004-10-08	1673913	2013-05-01
P18082		Monitoring in a				-	
FAM	ΕP	telecommunication network	GRANTED	03818594.8	2003-09-05	1665851	2009-05-06
P18218							
FAM	EP	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
		SYSTEM AND METHOD FOR					
P18265		REPORTING MEASUREMENTS IN					
FAM	EP	A COMMUNICATION SYSTEM	GRANTED	03818802.5	2003-09-30	1668939	2010-09-01
		METHOD AND APPARATUS FOR					
P18268		PHASE-NOISE COMPENSATION IN				and the formation of th	***************************************
FAM	EP	DIGITAL RECEIVERS	FILED	06829438.8	2006-12-08		Britan
		A METHOD AND SYSTEM FOR					
		INCLUDING LOCATION					
P18279		INFORMATION IN A USSD]	
FAM	EP	MESSAGE BY A NETWORK NODE	GRANTED	04763643.6	2004-07-29	1649708	2013-04-17

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P18343							
FAM	EP	Mixer with Feedback	GRANTED	04804115.6	2004-12-21	1698048	2010-03-10
		POWER CONTROL AND CHANNEL					
P18385		SELECTION IN A MULTI CHANNEL					
FAM	ΕP	COMMUNICATION SYSTEM	GRANTED	04809182.1	2004-12-22	1829240	2009-09-02
P18466	50	Fast Soft Value Computation	CRANTER	040477353.3	2004 42 20	47704604	
FAM	EP	Methods for Gray-Mapped QAM	GRANTED	04815253.2	2004-12-20	1704691	2009-01-14
P18547		CHANNEL ESTIMATION BY	F11 F5	04707005.0	2004 44 44		
FAM	EP	ADAPTIVE INTERPOLATION	FILED	04797825.9	2004-11-11		
D10500		Method and arrangement for					
P18588	rn rn	services running on service	CRANTED	05722405.2	2005 02 22	4001005	2010 02 24
FAM	EP	execution platform Successive Interference	GRANTED	05722105.3	2005-03-22	1861985	2010-02-24
B10/F0							
P18658	EP	Cancellation in a Generalized	FILED	00704724.2	2005 01 21		
FAM		Rake Receiver Architecture	FILED	05704734.2	2005-01-21		
P18668		Technique for Creation and Linking of Communications					
FAM	EP	Network User Accounts	FILED	04004553.0	2004 02 27		
P18788	Er	CONTROL OF MOBILE PACKET	FILEU	04004552.8	2004-02-27		
FAM	EP		CDANTED	04715613.0	3004 03 37	1000110	2012 00 12
	<u> </u>	STREAMS Adaptive threshold for HS-SCCH	GRANTED	04715612.0	2004-02-27	1698118	2012-06-13
P18801 FAM	EP	part 1 decoding	GRANTED	04790142.6	2004-10-06	1671447	2010 12 09
P18801	EF	Adaptive threshold for HS-SCCH	GRANIED	04/90142.6	2004-10-06	1671442	2010-12-08
FAM	EP	part 1 decoding	GRANTED	08075048.2	2004-10-06	1931074	2010 06 16
FAIVI	Lr	MEMORY INTERFACE FOR	GRANTED	06073046.2	2004-10-00	1951074	2010-06-16
		SYSTEMS WITH MULTIPLE					
P18802		PROCESSORS AND ONE MEMORY					
FAM	EP	SYSTEM	GRANTED	04765854.7	2004-10-06	1685484	2008-03-05
1 73141	<u> </u>	METHOD AND APPARATUS IN A	GIVANTED	04703834.7	2004-10-00	1005404	2000-03-03
P18887		CELLULAR					1
FAM	EP	TELECOMMUNICATIONS SYSTEM	GRANTED	03768477.6	2003-12-19	1695502	2007-09-26
		ABSOLUTE TIME	GIVIII	03700477.0	2003 12 13	1033302	2007 03 20
P18947		SYNCHRONIZATION OF NODES IN					AREA LAWRENCE
FAM	EP	A UNIDIRECTIONAL FIBER RING	FILED	04809215.9	2004-12-28		
		A METHOD AND SYSTEM FOR		V.00020.0	2001 222		
P19017		REWARDING USERS OF SERVICES				4 04 04	
FAM	EP	IN A COMMUNICATIONS SYSTEM	FILED	04028387.1	2004-12-01		
		Method and System for					
P19043		Determining Uplink/Downlink				WW	E. C. C. C. C. C. C. C. C. C. C. C. C. C.
FAM	EP	Path-Loss Difference	GRANTED	04819603.4	2004-11-19	1700395	2010-07-21
P19067		SESSION INITIATION PROTOCOL					
FAM	EP	SIGNALLING	GRANTED	04701012.9	2004-01-09	1709777	2007-04-25
P19078		CO-SEQUENCE INTERFERENCE					
FAM	EP	DETECTION AND TREATMENT	GRANTED	04749029.7	2004-06-18	04749029.7	2008-11-12
P19191		SYNCHRONIZATION DETECTION					
FAM	EP	METHODS AND APPARATUS	GRANTED	05744940.7	2005-04-28	1762017	2008-07-30
P19227		TECHNIQUE FOR DISTRIBUTING					
FAM	EP	CONTENT DATA	FILED	04728330.4	2004-04-20		
		USSD-FACILITATED CALL SETUP					
P19399		FOR PUSH TO TALK OVER		<u></u>		1	
FAM	EΡ	CELLULAR (POC) SERVICES	GRANTED	05807177.0	2005-11-21	1815649	2010-01-06

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Puncturing/Depuncturing using					
P19560		Compressed Differential					
FAM	EP	Puncturing Pattern	GRANTED	05789689.6	2005-10-07	1805899	2013-01-23
		Method of and system for delay					
P19599		estimation with minimized finger					
FAM	EP	allocation	GRANTED	05825754.4	2005-11-29	1825604	2013-10-02
		Method and device for	}				
P19665		determining size of memory					
FAM	EP	frames	FILED	04023881.8	2004-10-07	İ	
		Mechnism of device to control					1
		the uniqueness and provisioning				1	700
P19743		of public service identities in a					
FAM	EP	multimedia network	GRANTED	05772079.9	2005-08-10	1776841	2009-08-05
		Apparatus and method providing					
		rapid talk burst control for puch					
P19883		to talk over cellular (PoC)					
FAM	EP	communications	GRANTED	04769439.3	2004-09-21	1792505	2008-11-19
P19936		METHOD OF AND SYSTEM FOR					
FAM	ĘΡ	PIXEL SAMPLING	GRANTED	05789845.4	2005-09-19	1792281	2011-06-15
		Method and Nodes for Handling					
P20164		Calls in an Intelligent					
FAM	EP	Telecommunications Network	GRANTED	05775993.8	2005-07-22	1911294	2009-09-09
		SINGLE ANTENNA INTERFERENCE					
		CANCELLATION VIA					
		COMPLEMENT SUBSPACE					
		PROJECTION IN SPATIAL-					
P20252		TEMPORAL EXPANSION OF NOISE					
FAM	EP	ESTIMATION	GRANTED	06819765.6	2006-11-27	1955441	2009-04-29
P20454		CIRCULAR FAST FOURIER					
FAM	EP	TRANSFORM	FILED	06829521.1	2006-12-12		
P20562		METHOD AND APPARATUS					
FAM	EP	RELATING TO POWER CONTROL	GRANTED	05744156.0	2005-04-22	1872485	2011-10-12
P20657		Method and arrangement for				1	
FAM	EP	authentication and privacy	GRANTED	05757079.8	2005-07-07	1900169	2010~03-02
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta					
FAM	EP	converter	GRANTED	05388114.0	2005-12-22	1801978	2009-07-01
P20897		Retransmission Protocol with two					
FAM	EP	Feedback Mechanisms	FILED	06733500.0	2006-05-17		
P20920		Method and apparatus for	1				:
FAM	EP	identifying an IMS service	GRANTED	05754544.4	2005-05-25	1886458	2009-04-22
P20921		Call forwarding in an IP				E.	
FAM	EP	Multimedia Subsystem	GRANTED	05743157.9	2005-05-27	1886456	2008-10-22
P20936							7797978600
FAM	EP	Efficient Cell Selection	FILED	06819122.0	2006-10-24		
		Methods to enhance Principal					
P20998		Referencing proposals in Identity-					
FAM	EP	based scenarios	GRANTED	06779758.9	2006-06-23	1894181	2009-10-14
P21004		DYNAMIC ROBUST HEADER					
FAM	EP	COMPRESSION	FILED	06748047.5	2006-06-19	1	

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		TRANSMITTERWITHINTELLIGENT					
		PRE-	į				
P21481		CONDITIONINGOFAMPLIFIERSIGN					
FAM	EP	AL	FILED	06799826.0	2006-10-03		
		METHOD AND TERMINATION					3
P21502		NODE FOR BUNDLING MULTIPLE	1				
FAM	EP	MESSAGES INTO A PACKET	GRANTED	06723776.8	2006-03-28	2002609	2009-08-05
P21558		Method and apparatus for use in					
FAM	EP	a communications network	GRANTED	06708015.0	2006-02-03	1980078	2009-08-19
P21672		METHOD AND ARRANGEMENT IN					
FAM	ΕP	A COMMUNICATIONS SYSTEM	FILED	06747790.1	2006-05-19		
		ENHANCING COVERAGE FOR					
P21788		HIGH SPEED DOWNLINK PACKET				Market Control of the	
FAM	ΕP	ACCESS (HSDPA) CHANNEL	FILED	06835977.7	2006-12-29		
P21958		A System and a Method relating					
FAM	EP	to Network Management	GRANTED	06819467.9	2006-11-14	2090022	2014-01-15
P21986		User Equipment Information					
FAM	EP	based binding	GRANTED	06807758.5	2006-11-06	2080343	2010-09-22
P21986		User Equipment Information					
FAM	EP	based binding	GRANTED	10177818.1	2006-11-06	2257028	2013-09-18
		A mobile station communicating					
		with a base station via a separate					
		uplink when the parameters of					
P22098		channel quality fall below the					
FAM	EP	predefined thresholds	FILED	06824460.7	2006-11-17		
P22160		EFFICIENT DATA INTEGRITY					
FAM	EP	PROTECTION	GRANTED	07857399.5	2007-12-11	2103033	2010-04-07
P22191		DMAC TO HANDLE TRANSFERS		1			
FAM	EP	OF UNKNOWN LENGTHS	GRANTED	07822831.9	2007-11-23	2097828	2010-08-18
		A METHOD AND A SYSTEM FOR					
		DYNAMIC PROBE					
P22392		AUTHENTICATION FOR TEST AND					
FAM	EP	MONITORING OF SOFTWARE	FILED	08709149.2	2008-02-21		
P22442		Random access collision			TO THE PART OF THE		
FAM	EP	detection	GRANTED	08736276.0	2008-04-16	2163043	2012-03-28
		METHOD AND APPARATUS					
		PROVIDING VOICE MAIL SERVICE					
P22494		FOR HALF DUPLEX WIRELESS					
FAM	ΕP	COMMUNICATION SYSTEMS	FILED	08719151.6	2008-02-21		
		METHOD FO REDUCING INTRA-					
		CELL INTERFERENCE BETWEEN					
P22578		CELL PHONES PERFORMING					
FAM	EP	RANDOM ACCESS	FILED	07769013.9	2007-06-26]	
		POLICY MANAGEMENT IN A				l	
P22594		ROAMING OR HANDOVER					
FAM	EP	SCENARIO IN AN IP NETWORK	FILED	07748553.0	2007-06-01		
		Method and Apparatus for	APPROXIME.				
P22635		Receiving Radio Frequency					
FAM	EP	Signals	GRANTED	07820874.1	2007-10-03	2095518	2010-12-08
		-9-010	0	3,000,114			
	FP	Error Recovery for Rich Media	FILED	07748279 2	2007_06_25	ļ	
P22639 FAM	EP	Error Recovery for Rich Media	FILED	07748279.2	2007-06-25		

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND APPARATUS FOR ALLOCATING USABLE SUB-					
		CARRIERS TO PHYSICAL					
P22642		RESOURCE BLOCKS IN A MOBILE					
FAM	EP	TELECOMMUNICATIONS SYSTEM.	GRANTED	07801919.7	2007-08-27	2057799	2010-03-31
		A METHOD AND APPARATUS FOR					
		PROVIDING NETWORK					
P22710		RESOURCES TO CONTENT			-		
FAM	EP	PROVIDERS	FILED	07709292.2	2007-01-26		
		RECEIVER PARAMETRIC					
P22739		COVARIANCE ESTIMATION FOR					
FAM	EP	TRANSMIT DIVERSITY	FILED	08759586.4	2008-05-14		
P22752		Method and apparatus for use in					
FAM	EP	a communications network	FILED	07712093.9	2007-01-24		
P22950		Backplane with flexible board					
FAM	EP	width	FILED	07727732.5	2007-04-03		
P23012			į				
FAM	EP	HIP NODE REACHABILITY	FILED	08759466.9	2008-05-08		**************************************
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF					
FAM	EP	RECEIVER	GRANTED	08759954.4	2008-05-23	2156551	2010-09-01
		MULTI MODE OUTER LOOP					
P23250		POWER CONTROL IN A WIRELESS					
FAM	ΕP	NETWORK	FILED	07794197.9	2007-08-28		
		Method and apparatus for					
P23276		interference suppression in a					
FAM	EP	wireless communication receiver	GRANTED	08761343.6	2008-06-24	2165422	2012-04-18
P23377		Multicast push to talk groups,					
FAM	EP	apparatus, and methods	FILED	08724322.6	2008-04-01		
P23447		Digitally controllable on-chip					
FAM	EP	resistors and methods	GRANTED	08759432.1	2008-05-06	2145340	2010-09-15
P23542		Supplementary services in					
FAM	EP	communication networks.	FILED	07704622.5	2007-02-16		
P23767		METHOD AND ARRANGEMENT IN					
FAM	EP	A TELECOMMUNICATION SYSTEM	FILED	07835328.1	2007-10-16		MA POOL PROMI
		SYNCHRONIZATION TIME					
P23992		DIFFERENCE MEASUREMENTS IN					;
FAM	EP	OFDM SYSTEMS	FILED	07861171.2	2007-12-21	-	
P24013		METHOD AND ARRANGEMENT IN					
FAM	EP	A TELECOMMUNICATION SYSTEM	FILED	08724184.0	2008-02-27	The state of the s	
		METHODS AND ARRANGEMENTS					
P24124		IN A WIRELESS COMMUNICATION		PCT/SE2008/	and the same of th		
FAM	EP	SYSTEM	FILED	050540	2008-05-09		
		RADIO BEARER SPECIFIC					
P24155		CHANNEL STATE FEEDBACK				4702	
FAM	EP	REPORTING	FILED	07835269.7	2007-09-27		
P24262		A METHOD AND DEVICE FOR					1
FAM	EP	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
P24262		A METHOD AND DEVICE FOR				The same of the sa	
FAM	EP	COMMUNICATIONS SYSTEM	FILED	13166832.9	2008-06-10		

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		A METHOD OF CONTROLLING					
		CONFIGURATION CHANGE OF AN					
P24540		ELECTRONIC DEVICE AND AN					
FAM	EP	ELECTRONIC DEVICE	FILED	08155624.3	2008-05-05		
		A method for establishing a local					
P24607		media connection in a					
FAM	EP	communication system	FILED	07861151.4	2007-12-20	Victoria de la composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition della composition del	
		CELL RESELECTION BASED ON					
		USE OF RELATIVE THRESHOLDS IN				TYP CAMBRIDA	
P24645		A MOBILE TELECOMMUNICATION					
FAM	EP	SYSTEM	GRANTED	08758630.1	2008-05-19	2183929	2011-07-06
		MEASURING PERFORMANCE OF					
P24834		WIRELESS PACKET					
FAM	E₽	COMMUNICATION	GRANTED	09726168.9	2009-03-27	2266339	2011-11-23
		PRESCHEDULED					
P24917		RETRANSMISSION FOR INITIAL				***************************************	
FAM	ËΡ	ESTABLISHMENT	GRANTED	07861158.9	2007-12-20	2223456	2012-09-12
		ADAPTIVE SCHEDULING FOR					
P25095		HALF-DUPLEX WIRELESS					
FAM	ΕP	TERMINALS	GRANTED	08849748.2	2008-11-13	2225906	2012-10-31
P25371		Method and Arrangement in a					
FAM	EP	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
P25425		IP MULTIMEDIA SUBSYSTEM					
FAM	ΕP	REGISTRATION	FILED	09700384.2	2009-01-08		
		METHOD OF AND					
P25560		ARRANGEMENT FOR FILLING A		-			
FAM	ΕP	SHAPE	GRANTED	08163373.7	2008-09-01	2159754	2012-01-25
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A				The same of the sa	
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	EP	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P25950		DRX functionality in Multi-Carrier			7		
FAM	EP	LTE	GRANTED	08873569.1	2008-09-03	2260663	2013-07-17
P26147							
FAM	EP	Presence for ICS Subscribers	FILED	9761526.4	2009-01-29		
		METHOD AND ARRANGEMENT IN					
		A TELECOMMUNICATION SYSTEM			-		-
		WITH SIGNALLING OF ASSIGNED					
P26232		DATA PACKETS IN A BUNDLING					
FAM	EP	WINDOW	FILED	08813619.7	2008-10-03	lance.	
		A switch mode converter and a					
P26420		method of starting a switch mode				A CONTRACTOR OF THE CONTRACTOR	
FAM	EP	converter	FILED	09766935.2	2009-06-05	·	
	1	METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	EP	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	EP	SYSTEM	FILED	11184349.6	2008-12-18		

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
iterate circle	000000014	RESOURCE SELECTION FOR		2.55.000	100000	i acons roo.	
P26727		TRANSMISSION OF MULTIPLE					
FAM	£Ρ	ACK/NACK ON PUCCH CHANNEL	FILED	09788555.2	2009-05-26		12.00
P26881		SYSTEMS AND METHODS FOR		, , , , , , , , , , , , , , , , , , , ,			
FAM	EP	FILTERING A SIGNAL	FILED	08876321.4	2008-12-18		7777
P27163		A Method and Apparatus for		3337332211			
FAM	EP	Routing Data	FILED	08875496.5	2008-12-19		
P27501		CIRCUITRY PROTECTION					
FAM	EP	ARRANGEMENT	FILED	09150820.0	2009-01-19		
·····		Method and Device for a tracking					
P27995		area update of a mobile device in				-	0000
FAM	EP	a communication network	GRANTED	10159148.5	2010-04-06	2375835	2013-08-14
P28299							
FAM	EP	Reducing switching noise	FILED	10707855.2	2010-02-22		
		A method and arrangement for					
P28370		estimating the quality				1]
FAM	EΡ	degradation of a processed signal	GRANTED	09845609.8	2009-06-04	2438591	2013-08-21
P28526							
FAM	EP	A coded power converter system	FILED	09801701.5	2009-12-21		
P28681							
FAM	EΡ	Improved HARQ	FILED	09175657.7	2009-11-11		
P28777		A Coordinated Power Converter					
FAM	EP	System	FILED	10737298.9	2010-06-21	ĺ	
P29475		METHODS AND ARRANGEMENTS					
FAM	EP	FOR MOBILITY MANAGEMENT	FILED	09846611.3	2009-11-27		
		Method of providing improved					
		information of a multiparty					
		circuit-switched voice call to				William Branch Branch	1000
P29533		parties of the multiparty circuit-					
FAM	EP	switched voice call	FILED	09172646.3	2009-10-09		
P29680		BIT SOFT VALUE			:		
FAM	EP	NORMALIZATION	FILED	09851733.7	2009-11-30		
P30072		Method and arrangement in a					
FAM	EP	wireless communication system	GRANTED	10711277.3	2010-03-12	2486687	2013-08-14
		Data insertion during local calls				Name of the last o	
P30109		iin cellular telecommunications					
FAM	EP	networks	GRANTED	10151290.3	2010-01-21	2348699	2013-06-12
		METHODS AND ARRANGEMENTS					
		FOR IMPROVING MBMS IN A				*******	1000
P30136		MOBILE COMMUNICATION	60411750	40774200	2010 00 15	2405700	2044.04.00
FAM	EP	SYSTEM	GRANTED	10774308.0	2010-09-15	2486738	2014-01-22
P30137	- FD	Technique for Performing	CRANTER	10700001 5	2010 11 25	2500022	2014 04 22
FAM	EP	Physical Layer Measurements	GRANTED	10790891.5	2010-11-25	2508023	2014-01-22
DOOCCE		METHODS AND ARRANGEMENTS					
P30667		FOR ESTIMATING SIGNAL	LISED	11740447 6	2011 00 01	To the second se	
FAM	EP	STRENGTH IN A SUB-REGIO	FILED	11749447.6	2011-09-01		
		METHODS FOR HANDOFF OF AN					TTT. W. C. C. C. C. C. C. C. C. C. C. C. C. C.
P31811		ACTIVE COMMUNICATION CONNECTION FROM A					
	ED	1	EILED	10752645 1	2010 00 27		
FAM	EP	MACROCELL TO A FEMTOCELL	FILED	10752645.1	2010-08-27		

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		GATEWAY ALLOCATION IN A					
P32304		MOBILE COMMUNICATION		Į			
FAM	ΕP	SYSTEM	FILED	11701241.9	2011-01-20		
		Fast Round-Trip Delay Delivery of					
P32322		Datagrams over a Wireless					
FAM	ΕP	Network	FILED	11769939.7	2011-09-19		
		Quality of service handling in a					
P33247		S4-serving general packet radio					
FAM	EP	service support node	FILED	11791236.0	2011-11-18		
		METHODS AND ARRANGEMENTS FOR HANDLING AN IDENTIFICATION OF AN					
P34185		AVAILABLE COVERAGE IN A				**************************************	PAT DAT COORDINATE OF COORDINA
FAM	EP	CELLULAR NETWORK	FILED	11733934.1	2011-06-30		
P34503		METHOD AND BASE STATION IN					
FAM	EP	A TELECOMMUNICATION SYSTEM	FILED	12723958.0	2012-05-03		
		METHOD AND NETWORK NODE					
P34580		IN A WIRELESS COMMUNICATION			1		
FAM	EP	SYSTEM	FILED	11799202.4	2011-09-26		
P16354		Self-Calibrating Controllable					
FAM	EP	Oscillator	FILED	04740959.4	2004-07-13		
P07039		Device and method for a radio					
FAM	ES	transmitter	GRANTED	97929640-7	1997-06-04	0901721	2006-08-09
P07492		A system and a method for					
FAM	ES	introducing a new service	GRANTED	P9950023	1997-11-06	2159265	2002-04-01
P07658		Method and arrangement in a					
FAM	ES	telecommunication system	GRANTED	97953022-7	1997-12-19	ES2262199	2006-06-21
P08790		Announcing advertisements to telecommunications system					
FAM	ES	users	GRANTED	98966926-2	1998-12-24	1042900	2004-03-17
P08902		On-line notification in a mobile				***************************************	
FAM	ES	communications system	GRANTED	98965925-5	1998-12-18	1044573	2005-06-08
P09011						operation of the second	
FAM	ES	Signal synchronization	GRANTED	999300650	1999-12-23	1086546	2006-02-22
P09544		Pipeline processing for data				***	***************************************
FAM	ES	channels	GRANTED	99965488-2	1999-12-17	1141856	2005-10-19
		Method, apparatus and system					
P10311		for determining a location of a					
FAM	ES	frequency synchronization signal	GRANTED	2279622	1999-06-22	1092289	2007-02-07
P10827		DATA UNIT SENDING MEANS					2005 40 44
FAM	ES	AND CONTROL METHOD	GRANTED	00929541-1	2000-05-19	1180292	2006-10-11
		A portable communication					
		device, and a method for					
P11482		determining a power	CDANITED	00004467.4	2000 04 24	2274770 72	2006 12 27
FAM	ES	consumption thereof	GRANTED	00904167.4	2000-01-21	2274778 T3	2006-12-27
		VOICE COMMUNICATION					
044500		BETWEEN A PORTABLE				-	
P11532	F	COMMUNICATION APPARATUS	CDALITEE	04070433	2004 20 21	4225646	3000 02 27
FAM	ES	AND AN EXTERNAL TERMINAL	GRANTED	01970430-3	2001-09-21	1325648	2008-02-27
P12951		Method and devices for dialing	CD 44:	00004040	2000 22 22	42246****	2000 00 00
FAM	ES	services	GRANTED	00981313-0	2000-11-28	1234471	2009-06-03

							Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P13210		Method and apparatus for				ES2279768	
FAM	ES	transmit power control	GRANTED	00964573-0	2000-09-29	T3	2007-01-10
P13316		Combination switch and routing-					
FAM	ES	switching radio base station	GRANTED	01947002-0	2001-01-24	1250781	2007-08-15
P13443		Linear dead-band-free digital					
FAM	ES	phase detection	GRANTED	01953155-7	2001-05-21	1297619	2007-01-03
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS			Ì		
		TAILORED DEPENDING ON THE	270				
	:	CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	ES	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P16240							
FAM	ES	Sound synthesiser	GRANTED	02256081-7	2002-09-02	ES2305182	2008-05-07
P18343							
FAM	ES	Mixer with Feedback	GRANTED	04804115-6	2004-12-21	1698048	2010-03-10
P18788		CONTROL OF MOBILE PACKET				ES 2388667	
FAM	ES	STREAMS	GRANTED	04715612.0	2004-02-27	T3	2012-06-13
P18801		Adaptive threshold for HS-SCCH					
FAM	ES	part 1 decoding	GRANTED	08075048.2	2004-10-06	1931074	2010-06-16
P19191		SYNCHRONIZATION DETECTION				ES2310827	
FAM	ES	METHODS AND APPARATUS	GRANTED	05744940-7	2005-04-28	T3	2008-07-30
P20920		Method and apparatus for					
FAM	ES	identifying an IMS service	GRANTED	05754544-4	2005-05-25	1886458	2009-04-22
P22191		DMAC TO HANDLE TRANSFERS				ES 2349488	
FAM	ES	OF UNKNOWN LENGTHS	GRANTED	07822831.9	2007-11-23	T3	2010-08-18
P23447		Digitally controllable on-chip					
FAM	ES	resistors and methods	GRANTED	08759432.1	2008-05-06	2145340	2010-09-15
P24262		A METHOD AND DEVICE FOR					
FAM	ES	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
P25371		Method and Arrangement in a					
FAM	ES	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					•
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION				ļ	
FAM	ES	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P25950		DRX functionality in Multi-Carrier				-	
FAM	ES	LTE	GRANTED	08873569.1	2008-09-03	2260663	2013-07-17
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS		***			
FAM	ES	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P08163		Methodand arrangement in a					
FAM	FI	communications network	GRANTED	97/2319	1997-05-30	105434	2000-08-15
P08902		On-line notification in a mobile					
FAM	FI	communications system	GRANTED	98965925-5	1998-12-18	1044573	2005-06-08

METHODS AND ARRANGEMENTS IN A WIRELESS COMMUNICATIONS SYSTEM FOR CONTROLLING THE TIMING OF A USER EQUIPMENT ENTERING IN AN UPLINK TRANSMISSION GRANTED 08872148.5 2008-12-16 2241144 2011-12 2016-02	Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
METHODS AND ARRANGEMENTS IN A WIRELESS COMMUNICATIONS SYSTEM FOR CONTROLLING THE TIMING OF A USER EQUIPMENT ENTERING IN AN UPLINK TRANSMISSION PROCEDURE PROGEDURE PROGEDURE PROGEDURE PROCEDURE PROGEDURE			SYSTEM IN WHICH THE INFORMATION CONTENT IS TAILORED DEPENDING ON THE CAPABILITY OF THE BEARER THAT IS USED FOR THE SPECIFIC					
IN A WIRELESS COMMUNICATIONS SYSTEM FOR CONTROLLING THE TIMING OF A USER EQUIPMENT ENTERING IN AN UPLINK TRANSMISSION FAM FI PROCEDURE GRANTED 08872148.5 2008-12-16 2241144 2011-12 2016-05 2008-05 200	FAM	FI		GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
FAM		FI	IN A WIRELESS COMMUNICATIONS SYSTEM FOR CONTROLLING THE TIMING OF A USER EQUIPMENT ENTERING IN AN UPLINK TRANSMISSION	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P07039	P06455		Intelligent battery charging in a					
FAM	FAM	FR	hand-held phone	GRANTED	96915279-2	1996-05-03	0824778	2001-07-11
P07577 FAM	P07039		Device and method for a radio					
FAM FR USSD-positioning GRANTED 97953755-2 1997-12-08 0966853 2006-06 P07658 Method and arrangement in a telecommunication system GRANTED 97953022-7 1997-12-19 0950328 2006-06 P07659 Data partitioning and duplication in a distributed data processing System GRANTED 98904136-3 1998-01-16 0953173 2001-06 P07726 Intelligent terminal application Protocol GRANTED 98904136-3 1998-01-16 0953173 2001-06 FAM FR protocol GRANTED 97952167-1 1997-12-30 1005762 2006-06 P08538 demodulation of an analog multicarrier QAM system for demodulation of an analog multicarrier QAM signal GRANTED 98947552-0 1998-09-25 1018253 2007-06 P09314 Random access in a mobile telecommunications system GRANTED 99928283-3 1999-05-07 1078478 2006-07 P09544 Pipeline processing for data channels GRANTED 9995488-2 1999-12-17 141856 2005-10 P10311 for determining a location of a frequency synchron	FAM	FR	transmitter	GRANTED	97929640-7	1997-06-04	0901721	2006-08-09
PO7658 FR	P07577							
FAM	FAM	FR		GRANTED	97953755-2	1997-12-08	0966853	2006-05-03
Data partitioning and duplication in a distributed data processing FAM	P07658						Name and Associated Control	
P07659 FAM	FAM	FR		GRANTED	97953022-7	1997-12-19	0950328	2006-06-21
FAM								
P07726								
FAM FR protocol GRANTED 97952167-1 1997-12-30 1005762 2006-08 P08538 Method, receiver and multicarrier QAM system for demodulation of an analog P08538 98947552-0 1998-09-25 1018253 2007-08 P09314 Random access in a mobile telecommunications system GRANTED 99928283-3 1999-05-07 1078478 2006-07 P09544 FR telecommunications system GRANTED 99928283-3 1999-05-07 1078478 2006-07 P09544 FR telecommunication system for data channels GRANTED 99965488-2 1999-12-17 1141856 2005-10 P10311 Method, apparatus and system for determining a location of a frequency synchronization signal GRANTED 99933369-3 1999-06-22 1092289 2007-07 P10827 DATA UNIT SENDING MEANS AND CONTROL METHOD GRANTED 00929541-1 2000-05-19 1180292 2006-10 P11482 A portable communication device, and a method for determining a power communication signal device, and a method for determining a power signal device, and a method for determining a power signal device, and a method for determining a power signal device, and a met		FR		GRANTED	98904136-3	1998-01-16	0953173	2001-08-22
Method, receiver and multicarrier QAM system for demodulation of an analog			ž			İ		
Multicarrier QAM system for demodulation of an analog multicarrier QAM signal GRANTED 98947552-0 1998-09-25 1018253 2007-08	FAM	FR		GRANTED	97952167-1	1997-12-30	1005762	2006-08-09
P08538								
FAM FR multicarrier QAM signal GRANTED 98947552-0 1998-09-25 1018253 2007-08 P09314 FAM Random access in a mobile telecommunications system GRANTED 99928283-3 1999-05-07 1078478 2006-07 P09544 FAM FR channels GRANTED 99928283-3 1999-05-07 1078478 2006-07 P10311 FAM FR channels GRANTED 99965488-2 1999-12-17 1141856 2005-10 P10311 FAM FR frequency synchronization of a for determining a location of a for determining a location of a for determining a power GRANTED 99933369-3 1999-06-22 1092289 2007-07 P10827 FAM FR AND CONTROL METHOD GRANTED 00929541-1 2000-05-19 1180292 2006-10 P11482 FAM FR consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-10 P11532 FAM FR AND AN EXTERNAL TERMINAL FROM Methods and arrangements in a telecommunications system. GRANTED 01970430-3 2001-09-21 1325648 2008-00	DOOLOO		•					
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FAM FR telecommunications system GRANTED 99928283-3 1999-05-07 1078478 2006-07 P09544 Pipeline processing for data channels GRANTED 99965488-2 1999-12-17 1141856 2005-10 FAM FR Method, apparatus and system for determining a location of a frequency synchronization signal GRANTED 99933369-3 1999-06-22 1092289 2007-07 P10827 DATA UNIT SENDING MEANS FAM FR AND CONTROL METHOD GRANTED 00929541-1 2000-05-19 1180292 2006-10 A portable communication device, and a method for determining a power GRANTED 00904167.4 2000-01-21 1147648 2006-17 FAM FR consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-17 P11532 COMMUNICATION APPARATUS FAM FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-07 P11976 Methods and arrangements in a telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06		FR		GRANTED	3634/332-0	1998-09-25	1010255	2007-08-01
P09544 Pipeline processing for data channels GRANTED 99965488-2 1999-12-17 1141856 2005-10 P10311 Method, apparatus and system for determining a location of a frequency synchronization signal GRANTED 99933369-3 1999-06-22 1092289 2007-07 P10827 DATA UNIT SENDING MEANS FAM FR AND CONTROL METHOD GRANTED 00929541-1 2000-05-19 1180292 2006-10 P11482 A portable communication device, and a method for determining a power GRANTED 00904167.4 2000-01-21 1147648 2006-17 FAM FR consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-17 P11532 COMMUNICATION BETWEEN A PORTABLE COMMUNICATION APPARATUS FAM FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-07 P11976 Methods and arrangements in a telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06		ED		GRANTED	99928283-3	1999-05-07	1078478	2006-07-26
FAM FR channels GRANTED 99965488-2 1999-12-17 1141856 2005-16 P10311 Method, apparatus and system for determining a location of a FAM FR frequency synchronization signal GRANTED 99933369-3 1999-06-22 1092289 2007-02 P10827 DATA UNIT SENDING MEANS FR AND CONTROL METHOD GRANTED 00929541-1 2000-05-19 1180292 2006-10 P11482 A portable communication device, and a method for determining a power GRANTED 00904167.4 2000-01-21 1147648 2006-12 P11482 FR consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-12 P11532 COMMUNICATION APPARATUS FAM FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-02 P11976 Methods and arrangements in a telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06		110		ONAINIED	33320203-3	1999-09-07	10/04/0	2000-07-20
Method, apparatus and system for determining a location of a for determining a location of a for determining a location of a frequency synchronization signal GRANTED 99933369-3 1999-06-22 1092289 2007-07		FR		GRANTED	99965488-2	1999-12-17	1141856	2005-10-19
P10311								
FAM FR frequency synchronization signal GRANTED 99933369-3 1999-06-22 1092289 2007-07-07-07-07-07-07-07-07-07-07-07-07-	P10311							
FAM FR AND CONTROL METHOD GRANTED 00929541-1 2000-05-19 1180292 2006-10 P11482 A portable communication device, and a method for determining a power GRANTED 00904167.4 2000-01-21 1147648 2006-12 FAM FR COMMUNICATION BETWEEN A PORTABLE COMMUNICATION APPARATUS COMMUNICATION APPARATUS 2001-09-21 1325648 2008-02 FAM FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-02 P11976 Methods and arrangements in a telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06		FR	_	GRANTED	99933369-3	1999-06-22	1092289	2007-02-07
A portable communication device, and a method for determining a power FAM FR consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-12 VOICE COMMUNICATION BETWEEN A PORTABLE COMMUNICATION APPARATUS FAM FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-02 P11976 Methods and arrangements in a FAM FR telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06	P10827							
Description of the consumption of the consumption thereof Description of the consumpt	FAM	FR	AND CONTROL METHOD	GRANTED	00929541-1	2000-05-19	1180292	2006-10-11
P11482 determining a power consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-12 VOICE COMMUNICATION BETWEEN A PORTABLE COMMUNICATION APPARATUS FAM COMMUNICATION APPARATUS FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-02 P11976 FAM FR telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06			A portable communication					
FAM FR consumption thereof GRANTED 00904167.4 2000-01-21 1147648 2006-12 VOICE COMMUNICATION BETWEEN A PORTABLE COMMUNICATION APPARATUS FAM COMMUNICATION APPARATUS FAM AND AN EXTERNAL TERMINAL FR GRANTED 01970430-3 2001-09-21 1325648 2008-02 P11976 FAM Methods and arrangements in a FAM GRANTED 99850156-3 1999-10-22 1094682 2005-06			· ·					E
VOICE COMMUNICATION BETWEEN A PORTABLE COMMUNICATION APPARATUS FAM FR AND AN EXTERNAL TERMINAL GRANTED O1970430-3 2001-09-21 1325648 2008-02 2009-02 2	P11482							
BETWEEN A PORTABLE	FAM	FR	· · · · · · · · · · · · · · · · · · ·	GRANTED	00904167.4	2000-01-21	1147648	2006-12-27
P11532 COMMUNICATION APPARATUS GRANTED 01970430-3 2001-09-21 1325648 2008-02 FAM FR Methods and arrangements in a FAM GRANTED 99850156-3 1999-10-22 1094682 2005-06					macros and market and			
FAM FR AND AN EXTERNAL TERMINAL GRANTED 01970430-3 2001-09-21 1325648 2008-02 P11976 Methods and arrangements in a FAM FR telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06	D44=00						-	
P11976 Methods and arrangements in a FAM FR telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06			1	CDANITES	04070400	2004 00 01	******	2000 00 07
FAM FR telecommunications system. GRANTED 99850156-3 1999-10-22 1094682 2005-06		FR		GRANTED	01970430-3	2001-09-21	1325648	2008-02-27
			1	CDANTER	00000450	1000 10 33	4004533	2005 00 00
		I FK	telecommunications system.	GRANIED	99850156-3	1999-10-22	1094682	2005-06-08
	P12156		Facilitation Data Terrarialia	CDANTED	00050454 7	2000 00 40	1210025	2007-01-24

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P12168							
FAM	FR	Method for authorization check	GRANTED	98905901-9	1998-02-05	0962071	2008-01-09
P12266		Method and arrangement in a	•				
FAM	FR	communication network	GRANTED	00973313-0	2000-10-19	1226680	2007-12-26
		Method and apparatus for					
P12868		Channel Estimation with Transmit					
FAM	FR	Diversity	GRANTED	009544883	2000-07-12	1197026	2007-03-21
P12951		Method and devices for dialing					
FAM	FR	services	GRANTED	00981313-0	2000-11-28	1234471	2009-06-03
P13139		Phase-Compensated Impedance					
FAM	FR	Converter	GRANTED	00985220.3	2000-12-20	1250755	2012-09-26
P13210		Method and apparatus for					
FAM	FR	transmit power control	GRANTED	00964573-0	2000-09-29	1216522	2007-01-10
P13443		Linear dead-band-free digital					
FAM	FR	phase detection	GRANTED	01953155-7	2001-05-21	1297619	2007-01-03
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE]
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE			1		
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					-
FAM	FR	ACCESS	GRANTED	06120339.4	2001-07-06	1727380	2012-05-16
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE		}	Ì		1
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC			2004 27 05		
FAM	FR	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P14877		Transmit receive switch with high					
FAM	FR	power protection	GRANTED	02708912.7	2002-03-22	1504280	2009-12-09
P16240							
FAM	FR	Sound synthesiser	GRANTED	02256081-7	2002-09-02	1394768	2008-05-07
B47070		Single sign-on for users of a					
P17270		packet radio network roaming in	CD 4 N T T T	007044004	2002 04 40	4503004	2000 02 25
FAM	FR	a multinational operator network	GRANTED	03701192-1	2003-01-10	1582081	2008-03-26
P18218			COALITED	047000403	3004.04.06	4614240	2000 04 04
FAM	FR	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
P18343				0.000.005.5	2004 42 24	1500010	2010 00 10
FAM	FR	Mixer with Feedback	GRANTED	04804115-6	2004-12-21	1698048	2010-03-10
P18466		Fast Soft Value Computation	COANTED	040450500	2004 42 20	1701501	2000 04 44
FAM	FR	Methods for Gray-Mapped QAM	GRANTED	04815253-2	2004-12-20	1704691	2009-01-14
		Method and arrangement for					
P18588		services running on service					
FAM	<u>FR</u>	execution platform	GRANTED	05722105-3	2005-03-22	1861985	2010-02-24
P18801		Adaptive threshold for HS-SCCH					
FAM	FR	part 1 decoding	GRANTED	04790142.6	2004-10-06	1671442	2010-12-08
		MEMORY INTERFACE FOR					
		SYSTEMS WITH MULTIPLE					000
P18802		PROCESSORS AND ONE MEMORY					
FAM	FR	SYSTEM	GRANTED	04765854-7	2004-10-06	1685484	2008-03-05

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND APPARATUS IN A					
P18887		CELLULAR					
FAM	FR	TELECOMMUNICATIONS SYSTEM	GRANTED	03768477-6	2003-12-19	1695502	2007-09-26
		Method and System for					
P19043		Determining Uplink/Downlink					
FAM	FR	Path-Loss Difference	GRANTED	04819603.4	2004-11-19	1700395	2010-07-21
P19191		SYNCHRONIZATION DETECTION					
FAM	FR	METHODS AND APPARATUS	GRANTED	05744940-7	2005-04-28	1762017	2008-07-30
		Mechnism of device to control					
		the uniqueness and provisioning					
P19743		of public service identities in a					
FAM	FR	multimedia network	GRANTED	05772079-9	2005-08-10	1776841	2009-08-05
		SINGLE ANTENNA INTERFERENCE					
		CANCELLATION VIA					
		COMPLEMENT SUBSPACE					
		PROJECTION IN SPATIAL-					
P20252		TEMPORAL EXPANSION OF NOISE					
FAM	FR	ESTIMATION	GRANTED	06819765.6	2006-11-27	1955441	2009-04-29
P20657		Method and arrangement for					
FAM	FR	authentication and privacy	GRANTED	05757079-8	2005-07-07	1900169	2010-03-02
P20914		HOST IDENTITY PROTOCOL					
FAM	FR	METHOD AND APPARATUS	GRANTED	06763242.2	2006-05-23	1884102	2010-09-29
P20920		Method and apparatus for					
FAM	FR	identifying an IMS service	GRANTED	05754544-4	2005-05-25	1886458	2009-04-22
P21986		User Equipment Information					
FAM	FR	based binding	GRANTED	06807758.5	2006-11-06	2080343	2010-09-22
		METHOD AND APPARATUS FOR					
		ALLOCATING USABLE SUB-					
		CARRIERS TO PHYSICAL					
P22642	and the same of th	RESOURCE BLOCKS IN A MOBILE					
FAM	FR	TELECOMMUNICATIONS SYSTEM.	GRANTED	07801919-7	2007-08-27	2057799	2010-03-31
P23447		Digitally controllable on-chip					
FAM	FR	resistors and methods	GRANTED	08759432.1	2008-05-06	2145340	2010-09-15
P24262		A METHOD AND DEVICE FOR					
FAM	FR	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
P25147		Technique for controlling a gain					
FAM	FR	of a receiver	GRANTED	08008936.0	2008-05-14	2120336	2010-07-14
P25371		Method and Arrangement in a					
FAM	FR	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0000000			
		IN A WIRELESS			200		
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION			2		
FAM	FR	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN	0	300,21,00			2011 12 07
P26440		A CELLULAR COMMUNICATIONS					
FAM	FR	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P06455	111	Intelligent battery charging in a	OUTHIED	3007 7303.3	2000-12-10	2301.203	2011-11-30
FAM	GB	hand-held phone	GRANTED	96915279-2	1996-05-03	0824778	2001-07-11
	900	Device and method for a radio	GUNIALED	303132/3-2	1990-03-03	0024778	2001-07-11
P07039	C.D.		CDANTED	07020640.7	1007.06.04	0001724	2006 00 00
FAM	GB	transmitter	GRANTED	97929640-7	1997-06-04	0901721	2006-08-09

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P07577							
FAM	GB	USSD-positioning	GRANTED	97953755-2	1997~12-08	0966853	2006-05-03
P07658		Method and arrangement in a					
FAM	GB	telecommunication system	GRANTED	97953022-7	1997-12-19	0950328	2006-06-21
		Data partitioning and duplication				-	
P07 6 59		in a distributed data processing					
FAM	GB	system	GRANTED	98904136-3	1998-01-16	0953173	2001-08-22
P07726		Intelligent terminal application					
FAM	GB	protocol	GRANTED	97952167-1	1997-12-30	1005762	2006-08-09
P07926		Method and program module for				-	A COMMENT
FAM	GB	the configuration of a device	GRANTED	98917010-5	1998-03-19	0970421	2007-01-03
P08041		Bit detection method in a radio			:		
FAM	GB	communications system	GRANTED	98923281-4	1998-05-15	0983655	2004-07-28
P08163		Methodand arrangement in a					797.4
FAM	GB	communications network	GRANTED	9928134-7	1998-05-26	GB2341044	2002-03-13
P08165		Arrangement and method by a					
FAM	GB	mobile tranceiver	GRANTED	98929973-0	1998-06-09	0986887	2007-10-10
		Method, receiver and	77				
		multicarrier QAM system for					
P08538		demodulation of an analog					Bar is
FAM	GB	multicarrier QAM signal	GRANTED	98947552-0	1998-09-25	1018253	2007-08-01
		Announcing advertisements to					
P08790		telecommunications system					
FAM	GB	users	GRANTED	98966926-2	1998-12-24	1042900	2004-03-17
P08902		On-line notification in a mobile					
FAM	GB	communications system	GRANTED	98965925-5	1998-12-18	1044573	2005-06-08
		Method and arrangement for					
P08953		establishing an encrypted					
FAM	GB	connection	GRANTED	99906599-8	1999-01-14	1051873	2005-06-01
P09011							
FAM	GB	Signal synchronization	GRANTED	999300650	1999-12-23	1086546	2006-02-22
P09139		Fair channel allocation protocol				and the same of th	
FAM	GB	for DTM networks	GRANTED	9806109.6	1998-03-20	2335580	2003-03-12
P09314		Random access in a mobile					The state of the s
FAM	GB	telecommunications system	GRANTED	99928283-3	1999-05-07	1078478	2006-07-26
P09544		Pipeline processing for data					
FAM	GB	channels	GRANTED	99965488-2	1999-12-17	1141856	2005-10-19
P09638							
FAM	GB	One-bit correlator rake receiver	GRANTED	99931673.0	1999-06-08	1086535	2010-09-08
		Method, apparatus and system					
P10311		for determining a location of a					
FAM	GB	frequency synchronization signal	GRANTED	99933369-3	1999-06-22	1092289	2007-02-07
P10827		DATA UNIT SENDING MEANS				1	
FAM	GB	AND CONTROL METHOD	GRANTED	00929541-1	2000-05-19	1180292	2006-10-11
P10933	- -			33333372	1		
FAM	GB	High-Q Gyrator Structures	GRANTED	00974525-8	2000-11-13	1234378	2003-09-03
		Multipoint Data Synchronization		3007,0200			
P11334	1	Protocol to Avoid Data					
	GB	Corruption	GRANTED	00908165-4	2000-02-07	1206744	2005-09-21

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		A portable communication					
	,	device, and a method for			**************************************		
P11482		determining a power					
FAM	GB	consumption thereof	GRANTED	00904167.4	2000-01-21	1147648	2006-12-27
	,	VOICE COMMUNICATION			7		
		BETWEEN A PORTABLE					
P11532		COMMUNICATION APPARATUS					
FAM	GB	AND AN EXTERNAL TERMINAL	GRANTED	01970430~3	2001-09-21	1325648	2008-02-27
		Methods and Apparatus for					THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT
		Improving Adaptive Filter					
P11922		Performance by Inclusion of					
FAM	GB	Inaudible Information	GRANTED	00938672-3	2000-05-23	1210814	2006-08-16
P11950							
FAM	GB	Headset	GRANTED	99922164-1	1999-04-29	1175809	2003-02-12
P11976	0.5	Methods and arrangements in a					
FAM	GB	telecommunications system.	GRANTED	99850156-3	1999-10-22	1094682	2005-06-08
P12002							
FAM	GB	Fast Decoding of Long Codes	GRANTED	01991800-2	2001-12-07	1342325	2009-04-29
P12118							
FAM	GB	Amplifier	GRANTED	00956490-7	2000-08-25	1219024	2003-05-02
P12136							
FAM	GB	Transcoder rate controller	GRANTED	9918953.2	1999-08-11	GB2353192	2004-02-25
P12156							
FAM	GB	Facilitating Data Transmission	GRANTED	00958451-7	2000-08-16	1210835	2007-01-24
P12168	C.D.	Na-sh d f	COANTED	00000004	1000 00 05	0000074	2000 04 00
FAM	GB	Method for authorization check	GRANTED	98905901-9	1998-02-05	0962071	2008-01-09
P12218	C.D.	Cincale abia identification	CDANITED	01053030.0	2001 07 05	1200002	2000 00 21
FAM	GB	Simple chip identification	GRANTED	01962828-8	2001-07-05	1299883	2006-06-21
•		A mobile station, a method of	ver man]	
P12247		transmitting electronic information, and a					
FAM	GB	communications system	GRANTED	99610083-0	1999-12-27	1115234	2005-09-14
P12263	<u> </u>	communications system	GRANIED	33010002-0	1999-12-27	1113234	2005-09-14
FAM	GB	Double Sided Gasket	GRANTED	00962466-9	2000-09-11	1214870	2003-04-23
P12266	00	Method and arrangement in a	GRANTED	00302400-3	2000-09-11	1214870	2003-04-23
FAM	GB	communication network	GRANTED	00973313-0	2000-10-19	1226680	2007-12-26
1 AIVI	GD .	Method and system for	GRANTED	00373313-0	2000-10-19	1220080	2007-12-20
		exchanging control information					
P12318		between nodes in multimedia	v				
FAM	GB	networks	GRANTED	00941810.4	2000-07-11	1192773	2012-04-11
		Method and apparatus for		00511010.1	2000 07 11	1102,70	2012 04 11
P12868		Channel Estimation with Transmit				VALUE OF THE PARTY	
FAM	GB	Diversity	GRANTED	009544883	2000-07-12	1197026	2007-03-21
P12951		Method and devices for dialing	J. 0.141 LD	3033,7003	2000-07-12	240,040	2007-03-21
FAM	GB	services	GRANTED	00981313-0	2000-11-28	1234471	2009-06-03
P12952				1000000			1 2003 00 03
FAM	GB	Reconfigurable Headset Switch	GRANTED	00988698-7	2000-11-07	1230781	2004-09-29
		System and method for dual	5.44116	22200000		1	2007 00-20
		microphone signal noise					
P13137		reduction using spectral					
FAM	GB	subtraction	GRANTED	01900464-7	2001-01-16	1252796	2003-07-23

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P13139		Phase-Compensated Impedance			1	1	
FAM	GB	Converter	GRANTED	00985220.3	2000-12-20	1250755	2012-09-26
P13148		Exchange of multicall capabilities		***			
FAM	GB	between UE and CN in UMTS	GRANTED	01942502.4	2001-01-09	1254580	2012-07-18
P13210		Method and apparatus for					
FAM	GB	transmit power control	GRANTED	00964573-0	2000-09-29	1216522	2007-01-10
P13212	TOTAL PROPERTY.	A System and Method for Sending Multimedia Attachments to Text Messages in		To contain your or			
FAM	GB	Radiocommunication Systems	GRANTED	00954595-5	2000-08-07	1206886	2003-02-19
P13259		Analogue to digital signal					
FAM	GB	conversion	GRANTED	0014840-3	2000-06-16	GB2363532	2002-05-15
P13263		A method of manufacturing a shell element provided with an undercut and a shell element					
FAM	GB	manufactured by said method	GRANTED	00610023.4	2000-02-23	1127672	2003-08-27
P13316		Combination switch and routing-]				
FAM	GB	switching radio base station	GRANTED	01947002-0	2001-01-24	1250781	2007-08-15
P13372							
FAM	GB	Versatile charge sampling circuits	GRANTED	00968260.0	2000-09-25	1221166	2011-04-20
P13443	_	Linear dead-band-free digital					
FAM	GB	phase detection	GRANTED	01953155-7	2001-05-21	1297619	2007-01-03
P13527 FAM	GB	Mobile radio communication system and method for controlling such system A Communications Interface	GRANTED	01958400.2	2001-08-22	1312236	2013-12-18
P13629		Device for Receiving Digital					
FAM	GB	Signals	GRANTED	01610016-6	2001-02-27	1235388	2005-07-27
1 2 1171		Method and Apparatus for	GIOTATED	01010010 0	2001 02 27	12.55500	2003 07 27
P13642 FAM	GB	Producing Pictures within a Text Display of a Mobile Device	GRANTED	01949477.2	2001-07-09	1317847	2010-11-17
P13675 FAM	GB	MOBILE COMMUNICATION SYSTEM IN WHICH THE INFORMATION CONTENT IS TAILORED DEPENDING ON THE CAPABILITY OF THE BEARER THAT IS USED FOR THE SPECIFIC ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P13675		MOBILE COMMUNICATION SYSTEM IN WHICH THE INFORMATION CONTENT IS TAILORED DEPENDING ON THE CAPABILITY OF THE BEARER THAT IS USED FOR THE SPECIFIC					
FAM	GB	ACCESS	GRANTED	06120339.4	2001-07-06	1727380	2012-05-16
		Method and device for					
P13838		generating an adapted reference		LUMBANDO		į	
FAM	GB	for speech recognition.	GRANTED	00123488-9	2000-11-07	1205906	2003-05-07
P14082		Method and arrangement in a					
FAM	GB	telecommunication system	GRANTED	02804372-7	2002-12-05	1452065	2009-10-07
P14336				223 (312)	2002 12 00	1,52003	2000 2001
FAM	GB	Sharing resources over a network	GRANTED	GB0102834-9	2001-02-05	2364474	2003-04-23

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		POWER CONTROL IN MOBILE	THE PARTY PA				
P14748		RADIO COMMUNICATIONS					
FAM	GB	SYSTEMS	GRANTED	02791844.0	2002-12-18	1456968	2010-12-01
P14877		Transmit receive switch with high					
FAM	GB	power protection	GRANTED	02708912.7	2002-03-22	1504280	2009-12-09
P16240							
FAM	GB	Sound synthesiser	GRANTED	02256081.7	2002-09-02	1394768	2008-05-07
P16300		Memory access from different					
FAM	GB	clock domains	GRANTED	02388045.3	2002-07-12	1380960	2010-02-24
P16730		Non-repudiation of service					
FAM	GB	agreements	GRANTED	0424869-6	2003-06-04	2403880	2005-11-09
		Single sign-on for users of a					
P17270		packet radio network roaming in				+	
FAM	GB	a multinational operator network	GRANTED	03701192-1	2003-01-10	1582081	2008-03-26
		METHOD OF AND APPARATUS					
P17481		FOR NOISE WHITENING			Į.		
FAM	GB	FILTERING	GRANTED	04765896.8	2004-10-08	1673911	2013-04-17
		METHOD OF AND APPARATUS					
		FOR SINGLE ANTENNA					
P17926		INTERFERENCE REJECTION					
FAM	GB	THROUGH RELAXATION	GRANTED	04790212.7	2004-10-08	1673913	2013-05-01
P18218							
FAM	GB	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
		SYSTEM AND METHOD FOR					
P18265		REPORTING MEASUREMENTS IN					
FAM	GB	A COMMUNICATION SYSTEM	GRANTED	03818802.5	2003-09-30	1668939	2010-09-01
		A METHOD AND SYSTEM FOR					
		INCLUDING LOCATION			1		
P18279		INFORMATION IN A USSD					
FAM	GB	MESSAGE BY A NETWORK NODE	GRANTED	04763643.6	2004-07-29	1649708	2013-04-17
P18343							
FAM	GB	Mixer with Feedback	GRANTED	04804115-6	2004~12~21	1698048	2010-03-10
P18466		Fast Soft Value Computation					
FAM	GB	Methods for Gray-Mapped QAM	GRANTED	04815253-2	2004-12-20	1704691	2009-01-14
		Method and arrangement for					
P18588		services running on service					
FAM	GB	execution platform	GRANTED	05722105-3	2005-03-22	1861985	2010-02-24
P18788		CONTROL OF MOBILE PACKET	1	1		1	1
FAM	GB	STREAMS	GRANTED	04715612.0	2004-02-27	1698118	2012-06-13
P18801		Adaptive threshold for HS-SCCH	0.4.4.1.2.5	0172302210		1000110	2012 00 10
FAM	GB	part 1 decoding	GRANTED	08075048.2	2004-10-06	1931074	2010-06-16
P18801	00	Adaptive threshold for HS-SCCH	GIVILLE	0007 5040.2	200+ 10 00	1331074	2010 00 10
FAM	GB	part 1 decoding	GRANTED	04790142.6	2004-10-06	1671442	2010-12-08
1 77171	, JD	MEMORY INTERFACE FOR	GIVENTED	, 04/30142.0	200-1-10-00	10/1772	2010-12-00
		SYSTEMS WITH MULTIPLE			1		
P18802		PROCESSORS AND ONE MEMORY	1				
FAM	GB	SYSTEM	GRANTED	04765854-7	2004-10-06	1685484	2008-03-05
1 (J(A)	00	METHOD AND APPARATUS IN A	GENTIED	0-70004-7	2004-10-00	1000404	2000-03-03
P18887		CELLULAR					
	GB	TELECOMMUNICATIONS SYSTEM	GRANTED	03768477-6	2003-12-19	1695502	2007-09-26
FAM	l GB	I LLECOIVIIVIONICATIONS STSTEM	GRANIED	U3/004//~D	TO03-12-13	T022207	2007-03-20

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Method and System for					
P19043		Determining Uplink/Downlink					
FAM	GB	Path-Loss Difference	GRANTED	04819603.4	2004-11-19	1700395	2010-07-21
P19067		SESSION INITIATION PROTOCOL					
FAM	GB	SIGNALLING	GRANTED	04701012-9	2004-01-09	1709777	2007-04-25
P19078		CO-SEQUENCE INTERFERENCE					
FAM	GB	DETECTION AND TREATMENT	GRANTED	04749029.7	2004-06-18	04749029.7	2008-11-12
P19191		SYNCHRONIZATION DETECTION					
FAM	GB	METHODS AND APPARATUS	GRANTED	05744940-7	2005-04-28	1762017	2008-07-30
		Adaptive CS-voice solution for					
P19259		simplified management of IP-					
FAM	GB	networks	GRANTED	0722522-0	2006-06-15	2441455	2009-11-25
P19505		A stripline arrangement and a					
FAM	GB	method for production thereof	GRANTED	04809026	2004-01-12	1820235	2008-07-23
		Puncturing/Depuncturing using		ļ			
P19560		Compressed Differential					
FAM	GB	Puncturing Pattern	GRANTED	05789689.6	2005-10-07	1805899	2013-01-23
		Method of and system for delay					
P19599		estimation with minimized finger					
FAM	GB	allocation	GRANTED	05825754.4	2005-11-29	1825604	2013-10-02
		Mechnism of device to control					
		the uniqueness and provisioning					
P19743		of public service identities in a					
FAM	GB	multimedia network	GRANTED	05772079-9	2005-08-10	1776841	2009-08-05
		Apparatus and method providing					
		rapid talk burst control for puch					
P19883	!	to talk over cellular (PoC)					
FAM	GB	communications	GRANTED	04769439-3	2004-09-21	1792505	2008-11-19
P19936		METHOD OF AND SYSTEM FOR					
FAM	GB	PIXEL SAMPLING	GRANTED	05789845.4	2005-09-19	1792281	2011-06-15
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Method and Nodes for Handling					
P20164		Calls in an Intelligent					
FAM	GB	Telecommunications Network	GRANTED	05775993-8	2005-07-22	1911294	2009-09-09
		SINGLE ANTENNA INTERFERENCE		,			
		CANCELLATION VIA					
	•	COMPLEMENT SUBSPACE					
		PROJECTION IN SPATIAL-					
P20252		TEMPORAL EXPANSION OF NOISE					
FAM	GB	ESTIMATION	GRANTED	06819765.6	2006-11-27	1955441	2009-04-29
P20562		METHOD AND APPARATUS					
FAM	GB	RELATING TO POWER CONTROL	GRANTED	05744156.0	2005-04-22	1872485	2011-10-12
P20657		Method and arrangement for					
FAM	GB	authentication and privacy	GRANTED	05757079-8	2005-07-07	1900169	2010-03-02
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta			Part 100		
FAM	GB	converter	GRANTED	05388114-0	2005-12-22	1801978	2009-07-01
P20914]	HOST IDENTITY PROTOCOL					
FAM	GB	METHOD AND APPARATUS	GRANTED	0510761-0	2005-05-27	2426672	2009-12-16
P20920		Method and apparatus for				1	
FAM	GB	identifying an IMS service	GRANTED	05754544-4	2005-05-25	1886458	2009-04-22
P21157		Security System for Wireless					
FAM	GB	Internet	GRANTED	0800078.8	2006-06-16	2441929	2010-08-18

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P21558		Method and apparatus for use in					
FAM	GB	a communications network	GRANTED	06708015-0	2006-02-03	1980078	2009-08-19
P21986		User Equipment Information				-	
FAM	GB	based binding	GRANTED	06807758.5	2006-11-06	2080343	2010-09-22
P21986		User Equipment Information					
FAM	GB	based binding	GRANTED	10177818.1	2006-11-06	2257028	2013-09-18
P22160		EFFICIENT DATA INTEGRITY					
FAM	GB	PROTECTION	GRANTED	07857399.5	2007-12-11	2103033	2010-04-07
P22191		DMAC TO HANDLE TRANSFERS					
FAM	GB	OF UNKNOWN LENGTHS	GRANTED	07822831.9	2007-11-23	2097828	2010-08-18
P22442		Random access collision					
FAM	GB	detection	GRANTED	08736276.0	2008-04-16	2163043	2012-03-28
		Method and Apparatus for					
P22635		Receiving Radio Frequency					
FAM	GB	Signals	GRANTED	07820874.1	2007-10-03	2095518	2010-12-08
		METHOD AND APPARATUS FOR					
		ALLOCATING USABLE SUB-]		
		CARRIERS TO PHYSICAL	177				
P22642		RESOURCE BLOCKS IN A MOBILE					
FAM	GB	TELECOMMUNICATIONS SYSTEM.	GRANTED	07801919-7	2007-08-27	2057799	2010-03-31
		CONFIGURABLE, VARIABLE GAIN			The second secon		
P23153		LNA FOR MULTI-BAND RF					
FAM	GB	RECEIVER	GRANTED	08759954.4	2008-05-23	2156551	2010-09-01
		METHOD AND APPARATUS FOR					
		CONTROLLING UPLINK	777				
P23405		TRANSMISSIONS IN OFDMA					
FAM	GB	SYSTEMS	GRANTED	07113227.8	2007-07-26	2019509	2012-04-18
P23447		Digitally controllable on-chip	00111750				
FAM	GB	resistors and methods	GRANTED	08759432.1	2008-05-06	2145340	2010-09-15
P24262		A METHOD AND DEVICE FOR		00770070	2000 00 40	2460000	2242.05.00
FAM	GB	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
DO 4000		Service subscription associated	and the second s				
P24267	C.D.	with real time composition of	CDANTED	4007740.2	2000 00 02	24670772	2012 06 27
FAM	GB	services	GRANTED	1007749.3	2008-09-03	2467072	2012-06-27
		CELL RESELECTION BASED ON	-				
D24645		USE OF RELATIVE THRESHOLDS IN	COMMANDA DE LA COMMANDA DEL COMMANDA DE LA COMMANDA DEL COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DEL COMMANDA DE LA COMMANDA DEL COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DEL COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DE LA COMMANDA DEL COMMANDA DE LA COMMANDA DE LA COMMANDA DEL				
P24645	CD	A MOBILE TELECOMMUNICATION SYSTEM	CDANTED	00750630.4	2000 05 10	2102020	2011 07 05
FAM	GB		GRANTED	08758630.1	2008-05-19	2183929	2011-07-06
D24024		MEASURING PERFORMANCE OF					
P24834	C.P.	WIRELESS PACKET COMMUNICATION	GRANTED	00726169.0	3000 03 37	2266220	2011 11 22
FAM	GB		GRANIED	09726168.9	2009-03-27	2266339	2011-11-23
D24017		PRESCHEDULED					
P24917	GB	RETRANSMISSION FOR INITIAL	CDANTED	07861158.9	2007 12 20	2223456	2012 00 12
FAM D25147	GB	ESTABLISHMENT Technique for controlling a gain	GRANTED	U/001138.5	2007-12-20	2223430	2012-09-12
P25147	CD CD		CDANITED	00000000	2009 05 14	3130336	2010 07 14
FAM B3F371	GB	of a receiver	GRANTED	08008936.0	2008-05-14	2120336	2010-07-14
P25371	CD	Method and Arrangement in a	CDANTER	00000000	2000 11 03	2200204	2011 01 12
FAM	GB	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
DOELCO	And the state of t	METHOD OF AND					
P25560	GP.	ARRANGEMENT FOR FILLING A	CDANTED	00163373.7	2009 00 01	2150754	2012 01 25
FAM	GB	SHAPE	GRANTED	08163373.7	2008-09-01	2159754	2012-01

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A	1				į
D2EC1#		USER EQUIPMENT ENTERING IN					
P25614	CB	AN UPLINK TRANSMISSION	CDANTED	00073440 F	2009 12 16	2241144	2014 12 07
FAM	GB	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P25950 FAM	GB	DRX functionality in Multi-Carrier LTE	GRANTED	08873569.1	2008-09-03	2260663	2013-07-17
.,,,,,,		METHOD AND ARRANGEMENT IN	GIV III		2000 03 03	20000	2013 07 17
P26440		A CELLULAR COMMUNICATIONS	8				
FAM	GB	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P30072	1	Method and arrangement in a		3007.1300.0	12000 2	200200	2011 11 00
FAM	GB	wireless communication system	GRANTED	10711277.3	2010-03-12	2486687	2013-08-14
		METHODS AND ARRANGEMENTS					1
		FOR IMPROVING MBMS IN A	1		7 10		ļ
P30136]	MOBILE COMMUNICATION	ļ				
FAM	GB	SYSTEM	GRANTED	10774308.0	2010-09-15	2486738	2014-01-22
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS	Ì				
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC		•			
FAM	GR	ACCESS	GRANTED	01950140-2	2001-07-06	3059719	2006-10-04
P25371		Method and Arrangement in a					
FAM	GR	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS	V				
		COMMUNICATIONS SYSTEM FOR]		- Contraction		
		CONTROLLING THE TIMING OF A			Ì	Ì	
		USER EQUIPMENT ENTERING IN			- Control of the Cont		
P25614		AN UPLINK TRANSMISSION					
FAM	GR	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS	1				
FAM	GR	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P06455		Intelligent battery charging in a					Name and American
FAM	НК	hand-held phone	GRANTED	98111763-5	1996-05-03	HK1018127	2002-05-17
P07039		Device and method for a radio				NA CONTRACTOR	
FAM	HK	transmitter	GRANTED	99104399-1	1997-06-04	HK1019272	2004-03-05
P07658	1	Method and arrangement in a					
FAM	HK	telecommunication system	GRANTED	00104913-6	1997-12-19	HK1025710	2004-02-27
P07726		Intelligent terminal application					
FAM	HK	protocol	GRANTED	00107244-9	1997-12-30	HK1028155	2006-09-01
P07961	,	Power amplifier and method					
FAM	HK	therein	GRANTED	00106827-6	1998-04-03	1027917B	2004-03-19
D40011		Method, apparatus and system		1		ļ	
P10311	ļ ,	for determining a location of a					
FAM	HK	frequency synchronization signal	GRANTED	02101992-4	1999-06-22	HK1041122	2004-06-25
D4400.		Multipoint Data Synchronization					
P11334		Protocol to Avoid Data					
FAM	НК	Corruption	GRANTED	02107409-8	2000-02-07	1045899	2005-07-15

	I						Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
	-	A portable communication					
		device, and a method for					
P11482		determining a power					
FAM	HK	consumption thereof	GRANTED	02106826-5	2000-01-21	1045422	2005-04-22
		A Method for Synchronizing a					
P11506		Host Database and a Remote					
FAM	нк	Database	GRANTED	02106324-2	2000-02-09	HK1044835	2004-12-24
		Methods and Apparatus for					
		Improving Adaptive Filter					
P11922		Performance by Inclusion of					
FAM	НК	Inaudible Information	GRANTED	02109142-6	2000-05-23	1047665	2005-12-30
P11927		Voltage/current regulator and					
FAM	HK	method for battery charging	GRANTED	02107756-7	2000-03-29	1046193B	2009-05-15
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	HK	ACCESS	GRANTED	08107018.5	2001-07-06	HK1116619	2013-09-27
		METHOD OF AND APPARATUS					THE PERSON NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PERSON NAMED IN COLUMN TO SE
P17481		FOR NOISE WHITENING					Tomorados
FAM	HK	FILTERING	GRANTED	071003874	2004-10-08	HK1095223	2010-03-12
		METHOD OF AND APPARATUS					
		FOR SINGLE ANTENNA	The second secon				
P17926		INTERFERENCE REJECTION					
FAM	НК	THROUGH RELAXATION	GRANTED	071075895	2004-10-08	1103487B	2010-03-26
P18547	100	CHANNEL ESTIMATION BY					
FAM	HK	ADAPTIVE INTERPOLATION	GRANTED	07104551.6	2004-11-11	HK1098267	2013-03-22
P19191		SYNCHRONIZATION DETECTION					
FAM	HK	METHODS AND APPARATUS	GRANTED	08100036-8	2005-04-28	HK1109517	2010-12-29
P24262		A METHOD AND DEVICE FOR		1010100	2000 05 40		
FAM	HK	COMMUNICATIONS SYSTEM	FILED	1013466.7	2008-06-10		
macc		METHOD AND ARRANGEMENT IN					
P26440	LIK	A CELLULAR COMMUNICATIONS	כנו כי	11112005 5	2000 12 10		
FAM	HK	SYSTEM	FILED	11112005.5	2008-12-18		
P07577	HU	USSD-positioning	GRANTED	0000463	1997-12-08	223918	2005-07-06
FAM	nu	METHODS AND ARRANGEMENTS	GRANIED	0000463	1997-12-06	223910	2003-07-06
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION				1	
FAM	ни	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P07726	110	Intelligent terminal application	GIOTATED	J0072140.5	2000-12-10		2011 12-07
FAM	ID	protocol	GRANTED	W-990838	1997-12-30	ID 0013246	2004-04-28
P07961	147	Power amplifier and method	OW WILD	1. 550050	155, 12 50	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	200, 04 20
FAM	ID	therein	GRANTED	W-991257	1998-04-03	0013455	2004-05-31
1 / IVI	10	UTC1CIII	ONAMILL	VV-221221	1220-04-03	1 2012422	500-00-01

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS				-	
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION	1	W-00 2010			
FAM	!D	PROCEDURE	GRANTED	02637	2008-12-16	ID P0031941	2013-09-28
		METHOD AND ARRANGEMENT IN				-	
P26440		A CELLULAR COMMUNICATIONS		W-OO 2010			
FAM	ID .	SYSTEM	FILED	04182	2008-12-18		
		RESOURCE SELECTION FOR					ì
P26727		TRANSMISSION OF MULTIPLE		PCT/SE2009/			
FAM	ID	ACK/NACK ON PUCCH CHANNEL	FILED	050599	2009-05-26		
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE				<u> </u>	
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					1
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	IE	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P18343							
FAM	ΙE	Mixer with Feedback	GRANTED	04804115-6	2004-12-21	1698048	2010-03-10
P24262		A METHOD AND DEVICE FOR					
FAM	ļ ļE	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					Ì
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	IE	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN					an and and and and and and and and and a
P26440		A CELLULAR COMMUNICATIONS					
FAM	IE	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P07961		Power amplifier and method					
FAM	IL	therein	GRANTED	132246	1998-04-03	132246	2003-12-18
540044		Method, apparatus and system					
P10311		for determining a location of a	CDANTED	140400	1000 00 00	4.40.400	2005 02 24
FAM	Į ĮL	frequency synchronization signal	GRANTED	140408	1999-06-22	140408	2006-02-21
		Methods and Apparatus for					
D44000		Improving Adaptive Filter	A CALL DE LA CALLED DE LA CALLE				
P11922		Performance by Inclusion of	CDANITED	146500	2000 05 22	4.465.00	2000 44 04
FAM	IL IL	Inaudible Information	GRANTED	146509	2000-05-23	146509	2006-11-21
226442		METHOD AND ARRANGEMENT IN	***************************************				
P26440		A CELLULAR COMMUNICATIONS	EU ED	200507	2000 12 10		
FAM POOSIA		SYSTEM	FILED	209597	2008-12-18	Į.	
P09314	181	Random access in a mobile	CDANITED	IN/PCT/2000/	1000 05 05	305500	2007 21 21
FAM POOD 1.4	IN	telecommunications system	GRANTED	00537/MUM	1999-05-07	205596	2007-04-05
P09314		Random access in a mobile		00317/MUM	4000 05 05	Accusation	
FAM	IN	telecommunications system	FILED	NP/2004	1999-05-07		}
D4.004.4		Method, apparatus and system		(N) (DOT (2000			
P10311	181	for determining a location of a	CD 4 4 1	IN/PCT/2000	4000 05 55	20245	2002 1: 25
FAM	IN	frequency synchronization signal	GRANTED	00780/Mum	1999-06-22	203454	2006-11-03

]						Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
		A portable communication					
		device, and a method for					
P11482		determining a power		IN/PCT/2001/			
FAM	IN	consumption thereof	GRANTED	00810/MUM	2000-01-21	201235	2006-08-07
		A portable communication					
		device, and a method for					
P11482		determining a power		628/MUMNP			
FAM	IN	consumption thereof	GRANTED	/2006	2000-01-21	236546	2009-11-10
		METHOD OF AND APPARATUS					
P17481		FOR NOISE WHITENING	Į.	1298/CHENP/			
FAM	IN	FILTERING	GRANTED	2006	2004-10-08	239231	2010-03-11
P17891				00054/MUM			
FAM	IN	IP Based Signalling Networks	GRANTED	NP/2006	2003-06-18	221519	2008-06-24
***************************************		METHOD OF AND APPARATUS					
		FOR SINGLE ANTENNA					
P17926		INTERFERENCE REJECTION		00448/MUM	:		-
FAM	IN	THROUGH RELAXATION	GRANTED	NP/2006	2004-10-08	222570	2008-08-18
P18218				1489/CHENP/			
FAM	IN	RLC window size reconfiguration	GRANTED	2005	2004-04-06	229812	2009-02-20
P18343				781/MUMNP			
FAM	IN.	Mixer with Feedback	GRANTED	/2006	2004-12-21	249169	2011-10-08
		On-Off Keying for Forward		7			
P18426		ACK/NAK Channels in CDMA		4273/DELNP/			
FAM	IN	Systems	GRANTED	2005	2004-06-16	254549	2012-11-16
P18547	1,1	CHANNEL ESTIMATION BY	0.0000	3379/DELNP/	2001.00.20	23,3,3	2012 11 10
FAM	IN	ADAPTIVE INTERPOLATION	FILED	2006	2004-11-11		
P18801	117	Adaptive threshold for HS-SCCH	7 1220	00336/MUM	20011111		-
FAM	IN	part 1 decoding	GRANTED	NP/2006	2004-10-06	251011	2012-02-16
1 / 1/1/1	114	A METHOD AND SYSTEM FOR	1 010111120	14172000	2007 10 00	231011	2042 02 10
P19017		REWARDING USERS OF SERVICES		4145/DELNP/			
FAM	IN	IN A COMMUNICATIONS SYSTEM	FILED	2007	2005-12-01		
17-111	1111	Method and System for	1122	2007	2003 12 01		
P19043		Determining Uplink/Downlink		1732/KONP/2			
FAM	IN	Path-Loss Difference	FILED	006	2004-11-19		
P19191		SYNCHRONIZATION DETECTION	1144	1301/MUMN	2004-11-15		
FAM	IN	METHODS AND APPARATUS	GRANTED	P/2006	2005-04-28	253054	2012-06-20
P19227	114	TECHNIQUE FOR DISTRIBUTING	GRANTED	3316/KOLNP/	2003-0-4-20	23034	2012-00-20
FAM	!N	CONTENT DATA	FILED	2006	2004-04-20		
FAIVI	114	Puncturing/Depuncturing using	FILLD	2000	2004-04-20		
D10560		Compressed Differential		1541/KOLNP/			
P19560	181	Puncturing Pattern	FILED	2007	2005-10-07		
FAM	IN	Method of and system for delay	FILED	2007	2003-10-07	1	
DIGEOO		estimation with minimized finger		2437/KOLNP/			
P19599	[[K]	1	CDANTED		2005 11 20	256410	2012 06 12
FAM	IN	allocation Mechnism of device to control	GRANTED	2007	2005-11-29	256419	2013-06-13
D40743		the uniqueness and provisioning		00/05/10/00			
P19743	164	of public service identities in a	CHICO	98/DELNP/20	2005 00 10		
FAM	IN	multimedia network	FILED	07	2005-08-10	L	<u>i</u>

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Method of recording at least a		· · · · · · · · · · · · · · · · · · ·			
		part of a conversation between a					
		plurality of conversation parties,					
		recording system and					
P19808		arrangement for performing said		4186/DELNP/			
FAM	IN	method	FILED	2008	2008-05-15		
Trivi	7(1	AN OVERVOLTAGE PROTECTOR	TILLE	2000	2000-05-15		
		CIRCUIT AND A DETECTOR					
P19817		CIRCUIT FOR SUPERVISING SUCH	i i	6009/DELNP/			
FAM	IN	į	FILED	2008	2006-02-16		1
	1114	A PROTECTOR CIRCUIT	FILED		2006-02-16		ļ
P19936		METHOD OF AND SYSTEM FOR		1333/KOLNP/		ancia e e e e e e e e e e e e e e e e e e e	
FAM	IN	PIXEL SAMPLING	FILED	2007	2005-09-19		
		Method and Nodes for Handling					
P20164		Calls in an Intelligent		0721/KOLNP/			
FAM	IN	Telecommunications Network	FILED	2008	2005-07-22		
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta		2883/KOLNP/			
FAM	IN	converter	FILED	2008	2006-12-02		
P20897		Retransmission Protocol with two		4887/KOLNP/			
FAM	iN	Feedback Mechanisms	FILED	2007	2006-05-17		
P20914		HOST IDENTITY PROTOCOL		8696/DELNP/			
FAM	IN	METHOD AND APPARATUS	FILED	2007	2006-05-23		
P20920) (%	Method and apparatus for	111	9049/DELNP/	2000-03-23		
	INI	· ·	רוורה	! ' '	2005 05 25		
FAM	IN	identifying an IMS service	FILED	2007	2005-05-25		-
P21004		DYNAMIC ROBUST HEADER		9228/DELNP/	2225 25 22		
FAM	!N	COMPRESSION	FILED	2007	2006-06-19		
P21 6 72		METHOD AND ARRANGEMENT IN		5020/KOLNP/			
FAM	IN	A COMMUNICATIONS SYSTEM	FILED	2008	2006-05-19	ļ	
		CONFIGURABLE, VARIABLE GAIN		1	•		
P23153		LNA FOR MULTI-BAND RF		4473/KOLNP/			
FAM	IN	RECEIVER	FILED	2009	2008-05-23		
P23377		Multicast push to talk groups,		5371/DELNP/			
FAM	ſN	apparatus, and methods	FILED	2009	2008-04-01		
P23447		Digitally controllable on-chip		4214/KOLNP/			
FAM	IN	resistors and methods	FILED	2009	2008-05-06		1
P23767	,,,,	METHOD AND ARRANGEMENT IN		5298/DELNP/			-
FAM	ΙN	A TELECOMMUNICATION SYSTEM	FILED	2009	2007-10-16		
ı AIYI	IIV	Service subscription associated	IILLU	1200	2007-10-10		
D24267		I		2002/2018/2/	<u> </u>		
P24267	185	with real time composition of	בערכ	2092/KOLNP/	2000 00 00		
FAM	IN	services	FILED	2010	2008-09-03		
P25371		Method and Arrangement in a	WIA	1017/MUMN			
FAM	1N	Telecommunication System	FILED	P/2010	2008-11-07		1
P25425		IP MULTIMEDIA SUBSYSTEM		4280/DELNP/]		
FAM	IN	REGISTRATION	FILED	2010	2009-01-08		
		METHODS AND ARRANGEMENTS					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
		IN A WIRELESS			F		
		COMMUNICATIONS SYSTEM FOR]		
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN		***			
P25614		AN UPLINK TRANSMISSION		1646/MUMN			
FAM)N	PROCEDURE	FILED	P/2010	2008-12-16		
	/ (X	DRX functionality in Multi-Carrier	11660	3938/KOLNP/	2000 12-10		
P25950							

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		RESOURCE SELECTION FOR		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 42 82 11 11		
P26727		TRANSMISSION OF MULTIPLE		9823/DELNP/			
FAM	IN	ACK/NACK ON PUCCH CHANNEL	FILED	2011	2009-05-26		
P30072		Method and arrangement in a		776/KOLNP/2			
FAM	IN	wireless communication system	FILED	012	2010-03-12		
	ļ	METHODS AND ARRANGEMENTS					
		FOR IMPROVING MBMS IN A					
P30136		MOBILE COMMUNICATION		1791/DELNP/			
FAM	IN	SYSTEM	FILED	2012	2010-09-15		
P31958		Method And Arrangement For	1 1 100 100 100	2941/DEL/20			<u> </u>
FAM	IN	Ranking Users	FILED	10	2010-12-09		
P06455	*	Intelligent battery charging in a	1122				
FAM	l IT	hand-held phone	GRANTED	96915279-2	1996-05-03	0824778	2001-07-11
P07658		Method and arrangement in a	GRANIED	30313273-2	1550-05-05	0024770	2001-07-11
FAM	l it	telecommunication system	GRANTED	97953022-7	1997-12-19	0950328	2006-06-21
P07726	11	Intelligent terminal application	GRANTED	37333022*7	1337-12-13	Q330328	2000-00-21
FAM	l it	protocol	GRANTED	97952167-1	1997-12-30	1005762	2006-08-09
	1 !	On-line notification in a mobile	GRANTED	9/932167-1	1997-12-30	1002/02	2006-08-09
P08902			CDANTED	00000000	1000 10 10	1044572	2005 06 00
FAM	IT	communications system	GRANTED	98965925-5	1998-12-18	1044573	2005-06-08
P09314	1.50	Random access in a mobile	CDANTED	00020202	1000 05 07	33968BE/20	3006 07 06
FAM	IT	telecommunications system	GRANTED	99928283-3	1999-05-07	06	2006-07-26
		A portable communication					
544400		device, and a method for					
P11482		determining a power	00444750				
FAM	IT	consumption thereof	GRANTED	00904167.4	2000-01-21	1147648	2006-12-27
		Method and apparatus for					
P12868		Channel Estimation with Transmit	1				
FAM	IT	Diversity	GRANTED	009544883	2000-07-12	1197026	2007-03-21
P12951		Method and devices for dialing					
FAM	IT	services	GRANTED	00981313-0	2000-11-28	1234471	2009-06-03
P13210		Method and apparatus for	_				
FAM	IT	transmit power control	GRANTED	00964573-0	2000-09-29	1216522	2007-01-10
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE			ļ		
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	IT IT	ACCESS	GRANTED	06120339.4	2001-07-06	1727380	2012-05-16
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC			Free market and	37435	
FAM	IT	ACCESS	GRANTED	01950140-2	2001-07-06	BE/2006	2006-10-04
		POWER CONTROL IN MOBILE			***************************************		
P14748		RADIO COMMUNICATIONS				Prince	
FAM	IT	SYSTEMS	GRANTED	02791844.0	2002-12-18	1456968	2010-12-01
		A METHOD AND SYSTEM FOR					
		INCLUDING LOCATION					
P18279		INFORMATION IN A USSD					
FAM	l IT	MESSAGE BY A NETWORK NODE	GRANTED	04763643.6	2004-07-29	1649708	2013-04-17

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		MEMORY INTERFACE FOR		* 1			
		SYSTEMS WITH MULTIPLE					
P18802		PROCESSORS AND ONE MEMORY					
FAM	IT	SYSTEM	GRANTED	04765854-7	2004-10-06	1685484	2008-03-05
		Apparatus and method providing					
		rapid talk burst control for puch					
P19883		to talk over cellular (PoC)				20394	
FAM	l IT	communications	GRANTED	04769439-3	2004-09-21	BE/2009	2008-11-19
P20920		Method and apparatus for					
FAM	iT	identifying an IMS service	GRANTED	05754544-4	2005-05-25	1886458	2009-04-22
P20921	1	Call forwarding in an IP				19600BE/20	
FAM	IT.	Multimedia Subsystem	GRANTED	05743157-9	2005-05-27	08	2008-10-22
P21986		User Equipment Information	0.0000	007,0207.5	2003 03 27		2000 10 22
FAM	IT	based binding	GRANTED	06807758.5	2006-11-06	2080343	2010-09-22
1 Lisk1	<u> </u>	CONFIGURABLE, VARIABLE GAIN	GIVANTED	00007730.3	2000 11 00	2000343	2010 03 22
P23153		LNA FOR MULTI-BAND RF					
FAM	IT	RECEIVER	GRANTED	08759954.4	2008-05-23	2156551	2010-09-01
P24262	11	A METHOD AND DEVICE FOR	GRANTED	06733334.4	2008-03-23	2130331	2010-03-01
			GRANTED	00770770	2009 00 40	21.00202	2012 05 00
FAM	IT	COMMUNICATIONS SYSTEM	GRANIED	08779370.9	2008-06-10	2168293	2013-05-08
		CELL RESELECTION BASED ON					
201515		USE OF RELATIVE THRESHOLDS IN					
P24645		A MOBILE TELECOMMUNICATION	CDANTED	007505304	2000 05 40	2482828	2011 07 06
FAM	IT	SYSTEM	GRANTED	08758630.1	2008-05-19	2183929	2011-07-06
P25371		Method and Arrangement in a					
FAM	IT	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS	THE COURSE OF TH		FA / 1000.		
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A				1	
		USER EQUIPMENT ENTERING IN					TOTAL
P25614		AN UPLINK TRANSMISSION			and a second		
FAM	IT	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS				Manager of the Control of the Contro	
FAM	<u>IT</u>	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P07039		Device and method for a radio					
FAM	JÞ	transmitter	GRANTED	10-504028	1997-06-04	4203968	2008-10-24
P07658		Method and arrangement in a					
FAM	JP	telecommunication system	GRANTED	10-530796	1997-12-19	3983814	2007-07-13
P07726		Intelligent terminal application					
FAM	JP	protocol	GRANTED	10-530797	1997-12-30	4301377	2009-05-01
P08165		Arrangement and method by a					
FAM	JP	mobile tranceiver	GRANTED	11-504266	1998-06-09	4129698	2008-05-30
P08580		An identification arrangement					
FAM	JP	and method	FILED	2000-518434	1998-10-27		
P08902		On-line notification in a mobile					
FAM	JP	communications system	GRANTED	2000-527112	1998-12-18	4421772	2009-12-11
	· · · · · · · · · · · · · · · · · · ·					2000-	
P09011					1	1	1
P09011 FAM	JP	Signal synchronization	GRANTED	2000-554087	1999-06-02	554087	2009-09-01
P09011 FAM P09314	JP	Signal synchronization Random access in a mobile	GRANTED	2000-554087	1999-06-02	554087	2009-09-01

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P09544		Pipeline processing for data					
FAM	J₽	channels	GRANTED	2000-591529	1999-12-17	4290891	2009-04-10
P09638							
FAM	JP	One-bit correlator rake receiver	GRANTED	2000-554062	1999-06-08	3992436	2007-08-03
		Method, apparatus and system					
P10311		for determining a location of a					
FAM	JP	frequency synchronization signal	GRANTED	2000-557569	1999-06-22	4149671	2008-07-04
P10827		DATA UNIT SENDING MEANS					
FAM	Jρ	AND CONTROL METHOD	GRANTED	2001-500520	2000-05-19	4601229	2010-10-08
P10933							
FAM	JР	High-Q Gyrator Structures	GRANTED	2001-542463	2000-11-13	4663947	2011-01-14
		Method and Apparatus for					
P10950		Generating a Linearly Modulated					
FAM	JP	Signal Using Polar Modulation	GRANTED	2000-575213	1999-10-06	4414100	2009-11-27
		A portable communication					
		device, and a method for					
P11482		determining a power					ļ
FAM	JP	consumption thereof	GRANTED	2000-596711	2000-01-21	4361700	2009-08-21
		A Method for Synchronizing a					
P11506		Host Database and a Remote					
FAM	1P	Database	GRANTED	2000-598946	2000-02-09	4558945	2010-07-30
P11927		Voltage/current regulator and		2000 0000 10	2003 02 03	1000070	
FAM	JP	method for battery charging	GRANTED	2000-611358	2000-03-29	4249398	2009-01-23
P12156		inclination saccery citarying	GIVATED	2000 011330	2000 03 23	727550	2003 01 25
FAM	JP	Facilitating Data Transmission	GRANTED	2001-522793	2000-08-16	4593856	2010-09-24
17(14)	71	A mobile station, a method of	GRANTED	2001 322733	2000-00-10	4333630	2010-03-24
		transmitting electronic					
P12247		information, and a	-				Ì
FAM	JP	communications system	GRANTED	2001-548983	2000-11-17	4554864	2010-07-23
P12266	J1	Method and arrangement in a	GRANTED	2001-348383	2000-11-17	4334804	2010-07-23
FAM	JP	communication network	GRANTED	2001-533674	2000-10-19	4808348	2011-08-26
raivi	J.F	Method and system for	GRANTED	2001-333074	2000-10-13	4000340	2011-06-20
		exchanging control information					
P12318		between nodes in multimedia				400	
FAM:	JP		GRANTED	2001-510202	2000-07-11	4652646	2010-12-24
FAIVE	Jr	System and method of creating	GRAINTED	2001-310202	2000-07-11	4652646	2010-12-24
P12824		subscriber services in an IP-based					
	JP	telecommunications network	CDANTED	2001 E10004	3000 00 15	2700052	2005 00 12
FAM	JP	<u> </u>	GRANTED	2001-518994	2000-08-15	3708052	2005-08-12
043060		Method and apparatus for Channel Estimation with Transmit					
P12868	l In	1	CDANTED	3004 511033	2000 07 42	4472000	2010 02 12
FAM	JP	Diversity	GRANTED	2001-511023	2000-07-12	4472906	2010-03-12
P12907	I.D.	Improved Fractional-N Phase	CDANTER	2004 504450	2004 02 20	47743050	2011 04 01
FAM	JP	Locked Loop	GRANTED	2001-564456	2001-02-28	4713050	2011-04-01
P12951	10	Method and devices for dialing	CDANTER	2001 544225	2000 44 22	4043703	2011 00 00
FAM	JP	services	GRANTED	2001-541287	2000-11-28	4813722	2011-09-02
P13139		Phase-Compensated Impedance		2004 # 12-2-			
FAM	JP	Converter	GRANTED	2001-548525	2000-12-20	4768186	2011-06-24
P13210	}	Method and apparatus for					
FAM	JP	transmit power control	GRANTED	2001-527468	2000-09-29	4481545	2010-03-26

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P13212	A. Carrier	A System and Method for Sending Multimedia Attachments	7777	A COLONIA DE LA COLONIA DE LA COLONIA DE LA COLONIA DE LA COLONIA DE LA COLONIA DE LA COLONIA DE LA COLONIA DE			
FAM	JР	to Text Messages in Radiocommunication Systems	GRANTED	2001-517817	2000-08-07	4584515	2010-09-10
P13372							
FAM	JP	Versatile charge sampling circuits	GRANTED	2001-527292	2000-09-25	4685310	2011-02-18
P13372 FAM	JP	Versatile charge sampling circuits	GRANTED	2010-274877	2000-09-25	4875201	2011-12-02
		Mobile radio communication					
P13527	l In	system and method for	CDANTED	2002 522242	3001 00 33	F40F407	2012 01 25
FAM	JP	controlling such system A Communications Interface	GRANTED	2002-522213	2001-08-22	5185487	2013-01-25
P13629		Device for Receiving Digital					
FAM	JP	Signals	GRANTED	2002-568575	2002-02-15	4049314	2007-12-07
		METHODS AND APPARATUS FOR					
P13638		CHANNEL ESTIMATION USING					
FAM	JP	PLURAL CHANNELS	GRANTED	2003-548423	2002-11-13	4343694	2009-07-17
		MOBILE COMMUNICATION SYSTEM IN WHICH THE			Y	4 3	
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC	CDANTED	2002 500057	2004 07 06	4035540	2042 02 47
FAM D14760	JР	ACCESS	GRANTED	2002-508857	2001-07-06	4925548	2012-02-17
P14760 FAM	JP	HEAT ACCUMULATIVE TYPE SNOW MELTING DEVICE	GRANTED	2002-590683	2002-05-14	4103992	2008-04-04
P14768	J. J.	Resumption of packet data	ONAMED	2002-330083	2002-03-14	4103332	2008-04-04
FAM	ĴР	connection	GRANTED	2002-590684	2002-05-14	4347576	2009-07-24
P16240					1		
FAM	JP	Sound synthesiser	GRANTED	2004532083	2003-08-11	4939753	2012-03-02
		Method and memory controller					
P16511		for scalable multi-channel		PCT/EP03/10			
FAM	JP	memory access	GRANTED	509	2003-09-19	4459903	2010-02-19
		Privacy Lockbox XML form to					
P16657		database query	CRANTED	2006 500066	3004 03 40	4222546	2000 00 43
FAM P16730	JP	withcustomization possibility Non-repudiation of service	GRANTED	2006-500066	2004-03-18	4323516	2009-06-12
FAM	JP	agreements	GRANTED	2004-514264	2003-06-04	4213664	2008-11-07
P16882		ивления	Olwared	2007 317207	2005 00 04	7213004	2000 11 07
FAM	ĴР	Radio Communications	GRANTED	2000-560677	1999-07-05	4119093	2008-07-16
		Single sign-on for users of a					
P17270		packet radio network roaming in					
FAM	JP	a multinational operator network	GRANTED	2004-566364	2003-01-10	4195450	2008-10-03
		METHOD OF AND APPARATUS					
P17481		FOR NOISE WHITENING					
FAM	JP	FILTERING	GRANTED	2006-534654	2004-10-08	4621683	2010-11-05
		METHOD OF AND APPARATUS	100				
P17926]	FOR SINGLE ANTENNA INTERFERENCE REJECTION					
FAM	JP	THROUGH RELAXATION	GRANTED	2006-534655	2004-10-08	4621684	2010-11-05
P18343			QITTINET LD		200 20 00	FOLLOOT	2010 11 00
FAM	JP	Mixer with Feedback	GRANTED	2006-546028	2004-12-21	4705041	2011-03-18

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P18547		CHANNEL ESTIMATION BY					
FAM	JP	ADAPTIVE INTERPOLATION	GRANTED	2006-538797	2004-11-11	4758352	2011-06-10
P18801		Adaptive threshold for HS-SCCH					
FAM	ĵР	part 1 decoding	GRANTED	2006-530099	2004-10-06	4542102	2010-07-02
P18801		Adaptive threshold for HS-SCCH					
FAM	JP	part 1 decoding	GRANTED	2010-111340	2004-10-06	5112472	2012-10-19
		Method and System for					
P19043		Determining Uplink/Downlink					
FAM	JP	Path-Loss Difference	GRANTED	2006-540342	2004-11-19	4809237	2011-08-26
P19191		SYNCHRONIZATION DETECTION					
FAM	JР	METHODS AND APPARATUS	GRANTED	2007-511971	2005-04-28	4616336	2010-10-29
		Puncturing/Depuncturing using					
P19560		Compressed Differential		1			
FAM	JP	Puncturing Pattern	GRANTED	2007-535093	2005-10-07	5058806	2012-08-10
		Method of and system for delay					
P19599		estimation with minimized finger					
FAM	JP	allocation	GRANTED	2007-544773	2005-11-29	4838262	2011-10-07
		Mechnism of device to control					
		the uniqueness and provisioning				1	
P19743		of public service identities in a					
FAM	JP	multimedia network	GRANTED	2007-525575	2005-08-10	4819812	2011-09-09
P19936		METHOD OF AND SYSTEM FOR					
FAM	jΡ	PIXEL SAMPLING	GRANTED	2007-531705	2005-09-19	4713591	2011-04-01
		SINGLE ANTENNA INTERFERENCE					
		CANCELLATION VIA					
		COMPLEMENT SUBSPACE					
		PROJECTION IN SPATIAL-					
P20252		TEMPORAL EXPANSION OF NOISE					
FAM	JP	ESTIMATION	GRANTED	2008-541755	2006-11-27	4814338	2011-09-02
P20454		CIRCULAR FAST FOURIER		JP2008-			
FAM	JP	TRANSFORM	GRANTED	544853	2006-12-12	4903810	2012-01-13
P20562		METHOD AND APPARATUS	0	311033			
FAM	JP	RELATING TO POWER CONTROL	GRANTED	2008-507588	2005-04-22	4709276	2011-03-25
P20657		Method and arrangement for					
FAM	JP	authentication and privacy	GRANTED	2008-519215	2005-07-07	4741664	2011-05-13
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta					
FAM	JP	converter	GRANTED	2008546177	2006-12-02	4851537	2011-10-28
P20897		Retransmission Protocol with two		JP2008-			
FAM	JP	Feedback Mechanisms	FILED	513431	2006-05-17		
P20920		Method and apparatus for	7 - 40 - 40 - 40				
FAM	JP	identifying an IMS service	GRANTED	2008-512695	2005-05-25	4851516	2011-10-28
P20921	J	Call forwarding in an IP	0,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			1001010	
FAM	JР	Multimedia Subsystem	GRANTED	2008-512697	2005-05-27	4700105	2011-03-11
P21004	7 1	DYNAMIC ROBUST HEADER	CHAITLE	2000 312037	2003 03 27	***************************************	2012 03 11
FAM	JP	COMPRESSION	GRANTED	2008-518092	2006-06-19	5089584	2012-09-21
1 4/141	75	ENHANCING COVERAGE FOR	UNCHAILD	2000-310032	2000-00-19	3033364	2012-03-21
P21788		HIGH SPEED DOWNLINK PACKET				50 TEACH	
	JР		GRANTED	2009-218037	2006-12-29	4971444	2012-04-13
FAM P21986	JF	ACCESS (HSDPA) CHANNEL User Equipment Information	OVALLED	2003-21003/	2000-12-29	43/1444	2012-04-13
	10	based binding	CRANTED	2009-534992	2006 11 00	4075165	2011 12 02
FAM	JP	nased minding	GRANTED	2005-334552	2006-11-06	4875165	2011-12-02

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		A mobile station communicating					
]	with a base station via a separate				ł	
		uplink when the parameters of					
P22098		channel quality fall below the					
FAM	JP	predefined thresholds	GRANTED	2009-537112	2006-11-17	5043954	2012-07-20
P22160		EFFICIENT DATA INTEGRITY					
FAM	JР	PROTECTION	GRANTED	2009-540753	2007-12-11	5150642	2012-12-07
P22545		FAST, HIGH RESOLUTION					
FAM	JP	DIGITAL-TO-ANALOG CONVERTER	GRANTED	2009-541943	2007-11-27	4971464	2012-04-13
		A METHOD AND APPARATUS FOR					
		PROVIDING NETWORK			and.		
P22710		RESOURCES TO CONTENT	-				
FAM	ĴР	PROVIDERS	GRANTED	2009-547191	2007-01-26	4944211	2012-03-09
		RECEIVER PARAMETRIC					
P22739		COVARIANCE ESTIMATION FOR					
FAM	JP	TRANSMIT DIVERSITY	GRANTED	2010-508800	2008-05-14	5341880	2013-08-16
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF	Calculation of the Calculation o				
FAM]P	RECEIVER	GRANTED	2010-509798	2008-05-23	5116844	2012-10-26
	j ,	MULTI MODE OUTER LOOP		2020 000.00	2000 00 20		
P23250		POWER CONTROL IN A WIRELESS					
FAM	JР	NETWORK	GRANTED	2009-542713	2007-08-28	5097784	2012-09-28
P23767	31	METHOD AND ARRANGEMENT IN	OWANTED	2005-3-2713	2.007-00-20	3037704	2012-03-20
FAM	ĵР	A TELECOMMUNICATION SYSTEM	GRANTED	2009-554477	2007-10-16	5147869	2012-12-07
FAIVI	35		GRANTED	2009-334477	2007-10-16	3147809	2012-12-07
D22002		SYNCHRONIZATION TIME					
P23992		DIFFERENCE MEASUREMENTS IN	COANTED	2010 500125	2007 12 21	F200122	2012 07 05
FAM	JP	OFDM SYSTEMS	GRANTED	2010-506125	2007-12-21	5309133	2013-07-05
201121		METHODS AND ARRANGEMENTS					
P24124		IN A WIRELESS COMMUNICATION					
FAM	JP	SYSTEM	GRANTED	2010-512117	2008-05-09	4921590	2012-02-10
P24262		A METHOD AND DEVICE FOR					
FAM	JP	COMMUNICATIONS SYSTEM	GRANTED	2010-513159	2008-06-10	5066606	2012-08-17
P24262		A METHOD AND DEVICE FOR) in the same of t
FAM	JP	COMMUNICATIONS SYSTEM	FILED	2012-179603	2008-06-10		
		CELL RESELECTION BASED ON					
		USE OF RELATIVE THRESHOLDS IN					
P24645		A MOBILE TELECOMMUNICATION					
FAM	JP	SYSTEM	GRANTED	2010-523287	2008-05-19	5135438	2012-11-16
P25371		Method and Arrangement in a		JP2010-			
FAM	JP	Telecommunication System	GRANTED	539371	2008-11-07	4988934	2012-05-11
P25371		Method and Arrangement in a		JP2012-			
FAM	JP	Telecommunication System	FILED	099711	2008-11-07		
	İ	METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
	-	COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A		1]		
		USER EQUIPMENT ENTERING IN			7		
P25614		AN UPLINK TRANSMISSION					
FAM	JP	PROCEDURE	GRANTED	2010-544920	2008-12-16	5231575	2013-03-29
		METHOD AND ARRANGEMENT IN				1	
P26440		A CELLULAR COMMUNICATIONS					
FAM	JP	SYSTEM	GRANTED	2011-512408	2008-12-18	4951718	2012-03-16

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	JP	SYSTEM	FILED	2012-055048	2008-12-18		
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	JР	SYSTEM	FILED	2014-004572	2008-12-18		
P26881		SYSTEMS AND METHODS FOR					
FAM	JP	FILTERING A SIGNAL	FILED	2011-542041	2008-12-18		
P07039		Device and method for a radio					
FAM	KR	transmitter	GRANTED	1998-708903	1997-06-04	0581268	2006-05-11
P07658		Method and arrangement in a		10-1999-			
FAM	KR	telecommunication system	GRANTED	7006363	1997-12-19	0492391	2005-05-23
P07726		Intelligent terminal application		10-1999-			
FAM	KR	protocol	GRANTED	7006117	1997-12-30	592451	2006-06-22
P09314		Random access in a mobile		2000/701235			
FAM	KR	telecommunications system	GRANTED	5	1999-05-07	10-0685660	2007-02-15
P09544		Pipeline processing for data		2001-			
FAM	KR	channels	GRANTED	7008047	1999-12-17	10-0740736	2007-07-11
P09638							
FAM	KR	One-bit correlator rake receiver	GRANTED	20007014123	1999-06-08	674595	2007-01-19
		Method, apparatus and system					
P10311		for determining a location of a		10-2000-			
FAM	KR	frequency synchronization signal	GRANTED	7014908	1999-06-22	614553	2006-08-14
	<u> </u>	A wireless communication					
P11227		system that supports mobile test		10-2001-			
FAM	KR	software agents	GRANTED	7008104	1999-12-07	603469	2006-07-24
		A portable communication					
		device, and a method for				- Land	
P11482		determining a power		2001-	1	ALL STREET, ST	
FAM	KR	consumption thereof	GRANTED	7009149	2000-01-21	0754046	2007-08-24
P12951		Method and devices for dialing		2002-			
FAM	KR	services	GRANTED	7006817	2000-11-28	0740749	2007-07-11
P13285				10-2003-			
FAM	KR	Life cycle charging for batteries	GRANTED	7007088	2001-11-27	10-0908983	2009-07-15
P13443		Linear dead-band-free digital	0000	10-2002-			
FAM	KR	phase detection	GRANTED	7016345	2001-05-21	805997	2008-02-14
		METHODS AND APPARATUS FOR					No.
P13638		CHANNEL ESTIMATION USING		2004-		MAN POTOTO THE	
FAM	KR	PLURAL CHANNELS	GRANTED	7008198	2002-11-13	1017208	2011-02-16
P16240				2005-			
FAM	KR	Sound synthesiser	GRANTED	7003466	2003-08-11	1011286	2011-01-20
		Method and memory controller					***************************************
P16511		for scalable multi-channel		2005-		***************************************	
FAM	KR	memory access	GRANTED	7005330	2003-09-19	1051506	2011-07-18
P16882				2001-			
FAM	KR	Radio Communications	GRANTED	7000049	1999-07-05	0565983	2006-03-23

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
neicience	Couriery	METHODS OF PROCESSING	Jestes	App iso.	App Dete	i otentiao.	Date
		DIGITAL IMAGE AND/OR VIDEO					
		-					
		DATA INCLUDING LUMINANCE					
		FILTERING BASED ON					
		CHROMINANCE DATA AND					
		RELATED SYSTEMS AND				-	
P18072		COMPUTER PROGRAM		10-2006-			
FAM	KR	PRODUCTS	GRANTED	7008695	2004-10-29	10-1069975	2011-09-27
P18218				2005-			
FAM	KR	RLC window size reconfiguration	GRANTED	7018953	2004-04-06	1051595	2011-07-18
P18547		CHANNEL ESTIMATION BY		2006-			
FAM	KR	ADAPTIVE INTERPOLATION	GRANTED	7009372	2004-11-11	1000145	2010-12-03
P18801		Adaptive threshold for HS-SCCH	Account to the second s	2006-			
FAM	KR	part 1 decoding	GRANTED	7006921	2004-10-06	1084781	2011-11-11
		MEMORY INTERFACE FOR					
		SYSTEMS WITH MULTIPLE		1			
P18802		PROCESSORS AND ONE MEMORY		2006-		-	
FAM	KR	SYSTEM	GRANTED	7006802	2004-10-06	1050019	2011-07-11
		Method and System for					
P19043		Determining Uplink/Downlink		10-2006-			
FAM	KR	Path-Loss Difference	GRANTED	7010139	2004-11-19	10-1010796	2011-01-18
P19191		SYNCHRONIZATION DETECTION		2006-			
FAM	KR	METHODS AND APPARATUS	GRANTED	7023205	2005-04-28	1143148	2012-04-27
(A)VI	IXIX	Interleaving / De-interleaving	GRAINED	7025205	2003 04 20	2173170	2012 07 27
P19617		using compressed bit-mapping		2007-			
FAM	KR		GRANTED	7016336	2005-12-16	1143768	2012-04-30
	I NEV	sequences	GRANIED	·····	2003-12-16	1143/00	2012-04-30
P19936	W0	METHOD OF AND SYSTEM FOR	COANTED	2007-	2005 00 10	1143701	2017 04 70
FAM	KR	PIXEL SAMPLING	GRANTED	7006318	2005-09-19	1143781	2012-04-30
P20454		CIRCULAR FAST FOURIER	00411750	2008-	2000 42 40	4000000	0040 04 00
FAM	KR	TRANSFORM	GRANTED	7017045	2006-12-12	1229648	2013-01-29
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta		10-2008-]	
FAM	KR	converter	GRANTED	7017769	2006-12-02	10-1071493	2011-09-30
P20920		Method and apparatus for		2007-			
FAM	KR	identifying an IMS service	GRANTED	7027312	2005-05-25	1245915	2013-03-14
P20936				10-2008-		<u> </u>	İ
FAM	KR	Efficient Cell Selection	GRANTED	7012855	2006-10-24	10-1146859	2012-05-09
P24262		A METHOD AND DEVICE FOR		10-2009-			
FAM	KR	COMMUNICATIONS SYSTEM	FILED	7026384	2008-06-10		
P25371		Method and Arrangement in a		2010-			
FAM	KR	Telecommunication System	FILED	7016130	2008-11-07		Ì
	<u> </u>	METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS		2011-			
FAM	KR	SYSTEM	FILED	7000118	2008-12-18		
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	MA	SYSTEM	GRANTED	PV/33482	2008-12-18	32447	2012-07-03
1 (11)	1,4,17	A Method and Apparatus for	J.D. T. L.D	, ,, ,,,,,,,,	2000 12 10	V= 1-77	2512 57 03
P06197		Locating a Digital Control Channel				Annual Park	
	MX	in a Radiocommunication System	GRANTED	948275	1994-10-26	220349	2004-05-12
FAM	IVIA	4	GRANIED	3402/3	1334-10-20	220343	2004-03-12
BOZEOC		Rechargeable battery with safety					
P07586	LAW	circuit for a portable electric	CDATITE	005050	1007.43.40	200543	2002 00 07
FAM	MX	apparatus	GRANTED	995918	1997-12-18	209542	2002-08-07

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Multipoint Data Synchronization					
P11334	:	Protocol to Avoid Data		PA/A/2001/0			
FAM	MX	Corruption	GRANTED	07	2000-02-07	222702	2004-09-14
P11927		Voltage/current regulator and		PA/a/2001/0			
FAM	MX	method for battery charging	GRANTED	10059	2000-03-29	235856	2006-04-12
P16882							
FAM	MX	Radio Communications	GRANTED	000354	1999-07-05	225919	2005-01-31
		Single sign-on for users of a					
P17270		packet radio network roaming in		PA/A/2005/0			
FAM	MX	a multinational operator network	GRANTED	06470	2003-01-10	258159	2008-06-24
		A METHOD AND SYSTEM FOR			-		
		INCLUDING LOCATION	1				
P18279		INFORMATION IN A USSD		PA/A/2006/0	-		
FAM	MX	MESSAGE BY A NETWORK NODE	GRANTED	00931	2004-07-29	265651	2009-04-03
		AN OVERVOLTAGE PROTECTOR					
		CIRCUIT AND A DETECTOR			- Carlot		
P19817		CIRCUIT FOR SUPERVISING SUCH		MX/A/2008/0			
FAM	MX	A PROTECTOR CIRCUIT	GRANTED	10315	2006-02-16	285945	2011-04-20
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF		MX/A/2009/0	A. Carlotte		
FAM	MX	RECEIVER	GRANTED	12726	2008-05-23	282986	2011-01-18
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS		MX/A/2010/0	i		
FAM	MX	SYSTEM	FILED	12233	2008-12-18		
P07039		Device and method for a radio	İ			MY-119218-	
FAM	MY	transmitter	GRANTED	PI9702604	1997-06-12	A	2005-04-30
P07658		Method and arrangement in a				***	
FAM	MY	telecommunication system	GRANTED	PI9800086	1998-01-08	119025	2005-03-31
P09314		Random access in a mobile				MY-124697-	
FAM	MY	telecommunications system	GRANTED	PI99001711	1999-04-29	A	2006-06-30
		Method, apparatus and system					ALL AND AND AND AND AND AND AND AND AND AND
P10311		for determining a location of a					
FAM	MY	frequency synchronization signal	GRANTED	PI9902483	1999-06-16	120816	2005-11-30
P10933							
FAM	MY	High-Q Gyrator Structures	GRANTED	PI20005645	2000-12-01	120643	2005-11-30
		Method and Apparatus for					
P10950		Generating a Linearly Modulated					
FAM	MY	Signal Using Polar Modulation	GRANTED	PI9904302	1999-10-06	126431	2006-09-29
		Multipoint Data Synchronization					
P11334		Protocol to Avoid Data				MY-123378-	
FAM	MY	Corruption	GRANTED	P120000398	2000-02-04	Α	2006-05-31
P11927		Voltage/current regulator and					
FAM	MY	method for battery charging	GRANTED	PJ20001556	2000-04-13	MY-120268	2005-09-30
P12002					***************************************	MY-127219-	
FAM	MY	Fast Decoding of Long Codes	GRANTED	PI20015462	2001-11-29	Α	2006-11-30
		A mobile station, a method of					
		transmitting electronic			1		
P12247		information, and a				MY-127690-	
FAM	MY	communications system	GRANTED	PI20006106	2000-12-22	A	2006-12-29
P12907	1	Improved Fractional-N Phase				MY-124523-	
FAM	MY	Locked Loop	GRANTED	PI20010614	2001-02-12	Α	2006-06-30

1							Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
P13139		Phase-Compensated Impedance				MY-123411-	
FAM	MY	Converter	GRANTED	PI20005785	2000-12-08	Α	2006-05-31
		A System and Method for					
		Sending Multimedia Attachments					
P13212	And a control	to Text Messages in					
FAM	MY	Radiocommunication Systems	GRANTED	PI20003602	2000-08-08	122589	2006-04-29
P13259		Analogue to digital signal					
FAM	MY	conversion	GRANTED	PI20012824	2001-06-15	130708A	2007-07-31
P13285	· · · · · · · · · · · · · · · · · · ·	(1779				MY-127086-	
FAM	MY	Life cycle charging for batteries	GRANTED	PI 20015255	2001-11-16	A	2006-11-30
P16882	<u> </u>	,					
FAM	MY	Radio Communications	GRANTED	PI9902918	1999-07-10	124683	2006-06-30
P21986		User Equipment Information					
FAM	MY	based binding	GRANTED	PI20091657	2006-11-06	MY143408A	2011-05-13
P25371		Method and Arrangement in a		PI201000225			
FAM	MY	Telecommunication System	FILED	0	2008-11-07		
	1711	METHODS AND ARRANGEMENTS	. ,				
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN			-		
P25614		AN UPLINK TRANSMISSION		PCT/SE2008/			
FAM	MY	PROCEDURE	FILED	051470	2008-12-16		
	1	METHOD AND ARRANGEMENT IN		031170		1	
P26440		A CELLULAR COMMUNICATIONS	ĺ	PI			The state of the s
FAM	MY	SYSTEM	FILED	2010005435	2008-12-18	I	
		METHOD AND ARRANGEMENT IN					1
P26440		A CELLULAR COMMUNICATIONS		NG/C/2010/9		NG/C/2010/	İ
FAM	NG	SYSTEM	GRANTED	09	2008-12-18	909	2011-03-24
P11273	110	Adaptability to Multiple Hand-	1017,11120		1 1000		1
FAM	NL	Free Communication Accessories	GRANTED	00931266.1	2000-05-29	1186156	2008-10-22
	11-	A portable communication		000000000		1100100	2000 20 11
		device, and a method for				:	
P11482		determining a power					
FAM	NL	consumption thereof	GRANTED	00904167.4	2000-01-21	1147648	2006-12-27
P12002	,,,_	CONSUMPLE OF CO.	O.O. Francis	003071077	2000 04 22	2277070	2000 12 21
FAM	NL	Fast Decoding of Long Codes	GRANTED	01991800-2	2001-12-07	1342325	2009-04-29
171101	112	Method and system for	GIOTIVIED	023320002	2001 12 07	1372323	2003 04 23
		exchanging control information					:
P12318		between nodes in multimedia					
FAM	NL	networks	GRANTED	00941810.4	2000-07-11	1192773	2012-04-11
P12951	146	Method and devices for dialing	GIANTED	0007404077		2132.73	2012 07 11
FAM	NL	services	GRANTED	00981313-0	2000-11-28	1234471	2009-06-03
P13210	INL	Method and apparatus for	JAMILD	00002313-0	2000.11-20	12347/1	2003-00-03
FAM	NL	transmit power control	GRANTED	00964573-0	2000-09-29	1216522	2007-01-10
P13372	INE	Ganstill power colling	GRANIED	003043/3-0	2000-09-29	1210322	2007-01-10
	N+1	Vorcatile charge campling circuits	COANTED	00069260.0	2000 00 25	1331166	2011 04 20
FAM	NL	Versatile charge sampling circuits	GRANTED	00968260.0	2000-09-25	1221166	2011-04-20

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE	ĺ				
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC					
FAM	NL	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
		MOBILE COMMUNICATION					
,		SYSTEM IN WHICH THE				1	
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC			-		
FAM	NL	ACCESS	GRANTED	06120339.4	2001-07-06	1727380	2012-05-16
P18082		Monitoring in a					
FAM	NL	telecommunication network	GRANTED	03818594-8	2003-09-05	1665851	2009-05-06
P18218					Name of the last o		
FAM	NL	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
		POWER CONTROL AND CHANNEL					
P18385		SELECTION IN A MULTI CHANNEL				4	
FAM	NL.	COMMUNICATION SYSTEM	GRANTED	04809182-1	2004-12-22	1829240	2009-09-02
P18466		Fast Soft Value Computation					
FAM	NL	Methods for Gray-Mapped QAM	GRANTED	04815253-2	2004-12-20	1704691	2009-01-14
P19191		SYNCHRONIZATION DETECTION					
FAM	NL	METHODS AND APPARATUS	GRANTED	05744940-7	2005-04-28	1762017	2008-07-30
P19936		METHOD OF AND SYSTEM FOR					
FAM	NL	PIXEL SAMPLING	GRANTED	05789845.4	2005-09-19	1792281	2011-06-15
P20657		Method and arrangement for					
FAM	NL	authentication and privacy	GRANTED	05757079-8	2005-07-07	1900169	2010-03-02
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta					
FAM	NL	converter	GRANTED	05388114-0	2005-12-22	1801978	2009-07-01
P20914		HOST IDENTITY PROTOCOL					
FAM	NL	METHOD AND APPARATUS	GRANTED	06763242.2	2006-05-23	1884102	2010-09-29
P20920	1	Method and apparatus for					
FAM	NL.	identifying an IMS service	GRANTED	05754544-4	2005-05-25	1886458	2009-04-22
P21986		User Equipment Information	65.44.755	404770404	2005 14 05	2257020	2012 00 10
FAM	NL	based binding	GRANTED	10177818.1	2006-11-06	2257028	2013-09-18
P22160	811	EFFICIENT DATA INTEGRITY	CDANTED	07057300 5	2007 42 44	2102022	2040 04 07
FAM	NL	PROTECTION	GRANTED	07857399.5	2007-12-11	2103033	2010-04-07
Daacar		Method and Apparatus for					L4 84 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8
P22635	N.S.I	Receiving Radio Frequency	CDANTED	07020074.1	2007 10 02	3005510	2010 12 00
FAM	NL	Signals CONFIGURABLE, VARIABLE GAIN	GRANTED	07820874.1	2007-10-03	2095518	2010-12-08
033453		The state of the s					
P23153	871	LNA FOR MULTI-BAND RF	CDANTED	007500544	2000 05 23	2156551	2010 00 01
FAM	NL	RECEIVER	GRANTED	08759954.4	2008-05-23	2156551	2010-09-01
P24262	Ris	A METHOD AND DEVICE FOR	CDANITED	007702700	2009 00 10	2169202	2012 05 09
FAM	NL	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
		PRESCHEDULED			P-100		
024047		RETRANSMISSION FOR INITIAL	[1			
	N.E.I	1	CDAKCED	070644500	2007 12 20	2222456	2012 00 42
P24917 FAM P25371	NL	ESTABLISHMENT Method and Arrangement in a	GRANTED	07861158.9	2007-12-20	2223456	2012-09-12

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR	İ				
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	NL	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	NL	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
P30072		Method and arrangement in a					
FAM	NL	wireless communication system	GRANTED	10711277.3	2010-03-12	2486687	2013-08-14
P24262		A METHOD AND DEVICE FOR					
FAM	NO	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
,		METHODS AND ARRANGEMENTS					
		IN A WIRELESS]		Parties and the second		ļ
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A]	
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	NO	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
W		A Method and Apparatus for					
P06197		Locating a Digital Control Channel					
FAM	NZ	in a Radiocommunication System	GRANTED	276575	1994-11-01	276575	1998-07-09
		A Method and Apparatus for					7
P06197		Locating a Digital Control Channel				ĺ	
FAM	NZ	in a Radiocommunication System	GRANTED	329422	1994-11-01	329422	1999-09-09
,		A Method and Apparatus for					
P06197		Locating a Digital Control Channel					
FAM	NZ	in a Radiocommunication System	GRANTED	329423	1994-11-01	329423	1999-09-09
		A Method and Apparatus for	-				
P06197		Locating a Digital Control Channel					
FAM	NZ	in a Radiocommunication System	GRANTED	329424	1994-11-01	329424	1999-09-09
		A METHOD AND A SYSTEM FOR					
		DYNAMIC PROBE					
P22392		AUTHENTICATION FOR TEST AND					
FAM	NZ	MONITORING OF SOFTWARE	GRANTED	579882	2008-02-21	579882	2012-06-05
***************************************		METHOD AND ARRANGEMENT IN	:				
P26440		A CELLULAR COMMUNICATIONS					
FAM	NZ	SYSTEM	GRANTED	588998	2008-12-18	588998	2013-10-01
		System for the marketing of					
P09827		telecommunications traffic		PI/PA99/848			
FAM	PA	capacity	GRANTED	59	1999-11-24	7039	2002-08-13
P07039		Device and method for a radio				1-1997-	
FAM	PH	transmitter	GRANTED	56942	1997-06-11	56942	2002-03-25
P08165		Arrangement and method by a	OFF WILL		2337 30 11	1-1998-	2002 03 23
FAM	PH	mobile tranceiver	GRANTED	1199801384	1998-06-14	01384	2005-01-31
3 / 11 # 1	1 11	Method and Apparatus for	CHANTED	1100001004	200-00-14	1 0 4 0 0 4	2003-01-31
P10950		Generating a Linearly Modulated	•	1-1999-		1-1999-	
FAM	PH	Signal Using Polar Modulation	GRANTED	02506	1999-10-06	02506	2004-08-06
LAMA	<u>rn</u>	1	GNANICU	02300	1555-10-00	02300	2004-08-00
B364#0		METHOD AND ARRANGEMENT IN		1 2010		1 2010	
P26440	DI.	A CELLULAR COMMUNICATIONS	CDANTES	1-2010-	2000 42 40	1-2010-	2012 07 01
FAM	PH	SYSTEM	GRANTED	502441	2008-12-18	502441	2013-07-31

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P25371		Method and Arrangement in a					
FAM	PK	Telecommunication System	FILED	1476/2008	2008-12-18		:
P07039		Device and method for a radio				No. of Statement V	
FAM	PL	transmitter	GRANTED	P330732	1997-06-04	183774	2003-06-04
P18218							
FAM	PL	RLC window size reconfiguration	GRANTED	04726049.2	2004-04-06	1614248	2009-04-01
P18466		Fast Soft Value Computation					
FAM	PL	Methods for Gray-Mapped QAM	GRANTED	04815253-2	2004-12-20	1704691	2009-01-14
P19191		SYNCHRONIZATION DETECTION					
FAM	PL	METHODS AND APPARATUS	GRANTED	05744940-7	2005-04-28	1762017	2008-07-30
P24262		A METHOD AND DEVICE FOR					
FAM	PL	COMMUNICATIONS SYSTEM	GRANTED	08779370.9	2008-06-10	2168293	2013-05-08
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR		i i			
		CONTROLLING THE TIMING OF A			000		
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					
FAM	PL	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS				710	
FAM	PL.	SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011-11-30
		MOBILE COMMUNICATION				ļ	
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC			100 mg 200		
FAM	PT	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P25371		Method and Arrangement in a					
FAM	PT	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A				1	
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION					ļ
FAM	PT	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF				į	ļ
FAM	RO	RECEIVER	GRANTED	08759954.4	2008-05-23	2156551	2010-09-01
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					and the second
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION				L	Al Association
FAM	RO	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
P07726		Intelligent terminal application					
FAM	RU	protocol	GRANTED	99117146	1997-12-30	2214622	2003-10-20
		<u> </u>		 		 	
P07961		Power amplifier and method					Į.

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P09314		Random access in a mobile					
FAM	RU	telecommunications system	GRANTED	2000131619	1999-05-07	2227372	2004-04-20
P11927		Voltage/current regulator and		- 07-00000			
FAM	RU	method for battery charging	GRANTED	2001130690	2000-03-29	2237959	2004-10-10
		Privacy Lockbox XML form to					
P16657		database query				***************************************	
FAM	RU	withcustomization possibility	GRANTED	2005132595	2004-03-18	2335799	2008-10-10
		A METHOD AND SYSTEM FOR					
		INCLUDING LOCATION					
P18279		INFORMATION IN A USSD					
FAM	RU	MESSAGE BY A NETWORK NODE	GRANTED	2006106178	2004-07-29	2365066	2009-08-20
P20657		Method and arrangement for					
FAM	RU	authentication and privacy	GRANTED	2008104627	2005-07-07	2386220	2010-04-10
P20897		Retransmission Protocol with two					
FAM	RU	Feedback Mechanisms	GRANTED	2007147841	2006-05-17	2421918	2011-06-20
P20920		Method and apparatus for					
FAM	RU	identifying an IMS service	GRANTED	2007148698	2005-05-25	2389148	2010-05-10
P21004		DYNAMIC ROBUST HEADER		PCT/SE2006/			
FAM	RU	COMPRESSION	GRANTED	050208	2006-06-19	2424627	2011-07-20
P23767		METHOD AND ARRANGEMENT IN					
FAM	RU	A TELECOMMUNICATION SYSTEM	GRANTED	2009138940	2007-10-16	2441323	2012-01-27
		SYNCHRONIZATION TIME					
P23992		DIFFERENCE MEASUREMENTS IN					
FAM	RU	OFDM SYSTEMS	GRANTED	2009144135	2007-12-21	2463746	2012-10-10
		Method for transferring a					3
		communication session in a					
		telecommunications network					
P25209		from a first connection to a					
FAM	RU	second connection	FILED	2012106659	2009-07-23		
P06455		Intelligent battery charging in a					TOTAL OF THE CONTRACT OF THE C
FAM	SE	hand-held phone	GRANTED	96915279-2	1996-05-03	0824778	2001-07-11
P07039		Device and method for a radio					
FAM	SE	transmitter	GRANTED	9602584-6	1996-06-28	506842	1998-02-16
P07658		Method and arrangement in a					
FAM	SE	telecommunication system	GRANTED	9700001-2	1997-01-14	510162	1999-04-26
P07658		Method and arrangement in a			Vinces (
FAM	SE	telecommunication system	GRANTED	97953022-7	1997-12-19	0950328	2006-06-21
P08041		Bit detection method in a radio					
FAM	SE	communications system	GRANTED	9701866-7	1997-05-20	511310	1999-09-06
P08902		On-line notification in a mobile					
FAM	SE	communications system	GRANTED	98965925-5	1998-12-18	1044573	2005-06-08
		A portable communication					
		device, and a method for					
P11482		determining a power				•	
FAM	SE	consumption thereof	GRANTED	9902625-4	1999-07-08	514232	2001-01-29
		A Method for Synchronizing a					
P11506		Host Database and a Remote			No. of the Control of		
FAM	SE	Database	GRANTED	9900457-4	1999-02-10	515459	2001-08-06
		VOICE COMMUNICATION					
		BETWEEN A PORTABLE					
P11532		COMMUNICATION APPARATUS					
FAM	SE	AND AN EXTERNAL TERMINAL	GRANTED	0003645-9	2000-10-09	522704	2004-03-02

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P11927		Voltage/current regulator and					
FAM	SE	method for battery charging	GRANTED	9903672-5	1999-10-13	522717	2004-03-02
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE			•		1
		INFORMATION CONTENT IS				The state of the s	
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT				WALL STORY	
P13675		IS USED FOR THE SPECIFIC					
FAM	SE	ACCESS	GRANTED	01950140-2	2001-07-06	1310114	2006-10-04
P18466		Fast Soft Value Computation]				
FAM	SE	Methods for Gray-Mapped QAM	GRANTED	04815253-2	2004-12-20	1704691	2009-01-14
P20657		Method and arrangement for					
FAM	SE	authentication and privacy	GRANTED	05757079.8	2005-07-07	1900169	2010-03-02
P20914		HOST IDENTITY PROTOCOL				1	
FAM	SE	METHOD AND APPARATUS	GRANTED	06763242.2	2006-05-23	1884102	2010-09-29
P23447	1	Digitally controllable on-chip					
FAM	SE	resistors and methods	GRANTED	08759432.1	2008-05-06	2145340	2010-09-15
P25371		Method and Arrangement in a					
FAM	SE	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
		METHODS AND ARRANGEMENTS					
		IN A WIRELESS					Market 1777 07
		COMMUNICATIONS SYSTEM FOR	**************************************				
		CONTROLLING THE TIMING OF A					
D2564 A		USER EQUIPMENT ENTERING IN	mer over the				
P25614		AN UPLINK TRANSMISSION	CDANITED	00070440.5	2000 42 46	224444	2044 42 62
FAM	SE	PROCEDURE	GRANTED	08872148.5	2008-12-16	2241144	2011-12-07
D2C440		METHOD AND ARRANGEMENT IN					
P26440 FAM	SE	A CELLULAR COMMUNICATIONS SYSTEM	GRANTED	08874563.3	2008-12-18	2301285	2011 11 20
P09314	JE	Random access in a mobile	GRANTED	000/4505.5	2000-12-16	2301283	2011-11-30
FAM	SG	telecommunications system	GRANTED	200005917-0	1999-05-07	76704	2002-12-16
- FAIVI	30	METHOD AND ARRANGEMENT IN	GRANIED	200003917-0	1999-03-07	76704	2002-12-16
P26440		A CELLULAR COMMUNICATIONS					
FAM	SG	SYSTEM	GRANTED	201007978-8	2008-12-18	166261	2011-10-31
P07039	30	Device and method for a radio	GRANTED	201007378-8	2008-12-18	100201	2011-10-31
FAM	TH	transmitter	FILED	037946	1997-06-17		
P07577	311	transmitter	1 ILLO	03/340	1337-00-17		
FAM	TH	USSD-positioning	GRANTED	041069	1997-12-02	19191	2005-12-14
173141	111	QUADRATIC PERMUTATION	GIVATURE	041005	1337-12-02	13131	2005-12-14
P23084		POLYNOMIAL INTERLEAVER/DE-					
FAM	TH	INTERLEAVER FOR TURBO CODES	FILED	0701005671	2007-11-07		
P23447		Digitally controllable on-chip	11220	0,010000,1	100, 110,		
FAM	TH	resistors and methods	FILED	0801002235	2008-05-06		
P25371	.,,	Method and Arrangement in a		000300203	2000 03 00		
FAM	TH	Telecommunication System	FILED	0801006219	2008-12-04		
		METHOD AND ARRANGEMENT IN					
		A TELECOMMUNICATION SYSTEM					
		WITH SIGNALLING OF ASSIGNED				-	
P26232		DATA PACKETS IN A BUNDLING				· ·	
FAM	TH	WINDOW	FILED	0901001348	2009-03-26	Review of the second se	
····	<u> </u>	METHOD AND ARRANGEMENT IN	- An				·
P26440		A CELLULAR COMMUNICATIONS]		
FAM	TH	SYSTEM	FILED	0901002390	2009-05-29		
	L	1	1				50

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHODS AND ARRANGEMENTS FOR IMPROVING MBMS IN A					
P30136		MOBILE COMMUNICATION					
FAM	TH	SYSTEM	FILED	1001001533	2010-10-04		
		Method and arrangement for		}			
P08953		establishing an encrypted				TR20000220	
FAM	TR	connection	GRANTED	2000/02201	1999-01-14	1B	2001-06-21
		Method, apparatus and system					
P10311	1	for determining a location of a				TR20010037	
FAM	TR	frequency synchronization signal	GRANTED	2001/00371	1999-06-22	1B	2001-09-21
		Multipoint Data Synchronization					
P11334		Protocol to Avoid Data				2001-	
FAM	TR	Corruption	GRANTED	2001/02286	2000-02-07	02286B	2002-03-21
P11927		Voltage/current regulator and				TR20010292	
FAM	TR	method for battery charging	GRANTED	2001/02925	2000-03-29	5B	2002-06-21
P12002						TR 2009	
FAM	TR	Fast Decoding of Long Codes	GRANTED	2009/05151	2001-12-07	05151 T4	2009-04-29
		MOBILE COMMUNICATION					
		SYSTEM IN WHICH THE					
		INFORMATION CONTENT IS					
		TAILORED DEPENDING ON THE					
		CAPABILITY OF THE BEARER THAT					
P13675		IS USED FOR THE SPECIFIC				TR20060731	
FAM	TR	ACCESS	GRANTED	01950140-2	2001-07-06	4	2006-10-04
P18218						TR20090313	
FAM	TR	RLC window size reconfiguration	GRANTED	04726049-2	2004-04-06	5T4	2009-04-01
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta					
FAM	TR	converter	GRANTED	05388114-0	2005-12-22	1801978	2009-07-01
P23447		Digitally controllable on-chip					
FAM	TR	resistors and methods	GRANTED	08759432.1	2008-05-06	2145340	2010-09-15
P25371		Method and Arrangement in a					
FAM	TR	Telecommunication System	GRANTED	08863667.5	2008-11-07	2208384	2011-01-12
P07577					The state of the s		
FAM	TW	USSD-positioning	GRANTED	86118542	1997-12-09	NI-116890	1997-12-09
P08902		On-line notification in a mobile					
FAM	TW	communications system	GRANTED	87120788	1998-12-15	123129	2001-03-30
		Method and arrangement for					
P08953	1	establishing an encrypted					
FAM	TW	connection	GRANTED	88101156	1999-01-26	NI-130942	2001-05-01
P09043		Variable handoff hysteresis in a					
FAM	TW	radio communication system	GRANTED	87120398	1998-12-09	120661	2001-02-08
P09314		Random access in a mobile	W. 1000		-		
FAM	TW	telecommunications system	GRANTED	88106441	1999-04-22	NI-145478	2002-03-21
P09544		Pipeline processing for data					
FAM	TW	channels	GRANTED	88121566	1999-12-09	NI-140223	2002-01-03
P09730		Local SCP for a mobile integrated					
FAM	TW	intelligent network	GRANTED	88112114	1999-07-16	NI-130771	2001-02-09
		System for the marketing of		İ			
P09827		telecommunications traffic					
FAM	TW	capacity	GRANTED	88118674	1999-10-28	NI-132572	2001-05-28

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P22160		EFFICIENT DATA INTEGRITY					
FAM	TW	PROTECTION	FILED	09143306	2007-11-15		
P22578 FAM	TW	METHOD FO REDUCING INTRA- CELL INTERFERENCE BETWEEN CELL PHONES PERFORMING RANDOM ACCESS	FILED	096124408	2007-07-05	100.00	
		METHOD AND ARRANGEMENT IN				- I - NC - WINDOWS	
P26440 FAM	TW	A CELLULAR COMMUNICATIONS SYSTEM	FILED	098118597	2009-06-04		
P16354 FAM	us	Self-Calibrating Controllable Oscillator	GRANTED	10/887938	2004-07-09	7023285	2006-04-04
P06197		A Method and Apparatus for Locating a Digital Control Channel				ARALA AND PRODUCTION	The same of the sa
FAM	US	in a Radiocommunication System	GRANTED	09/357158	1999-07-19	6496489	2002-12-17
P06197 FAM	US	A Method and Apparatus for Locating a Digital Control Channel in a Radiocommunication System	GRANTED	08/331711	1994-10-31	6058108	2000-05-02
P06197 FAM	US	A Method and Apparatus for Locating a Digital Control Channel in a Radiocommunication System	GRANTED	08/473583	1995-06-07	5570467	1996-10-29
F/NV)	03	A Method and Apparatus for	GIVARILED	00/4/3363	1999-00-07	3370407	1550-10-25
P06197 FAM	US	Locating a Digital Control Channel in a Radiocommunication System	GRANTED	08/481865	1995-06-07	5970057	1999-10-19
P06455	- 03	Intelligent battery charging in a	GRANTED	08/481803	1333-00-07	3370037	1999-10-19
FAM	us	hand-held phone	GRANTED	08/919313	1997-08-28	6577100	2003-06-10
P07026		77011		00,313013	2337 00 20	007.7200	2000 00 10
FAM	US	Telecommunication method	GRANTED	08/879079	1997-06-19	5909481	1999-06-01
P07039 FAM	US	Device and method for a radio transmitter	GRANTED	08/880740	1997-06-23	6047168	2000-04-04
P07047							
FAM	US	USSD-scheduler in MSC	GRANTED	08/865684	1997-05-30	5999825	1999-12-07
P07048 FAM	US	Circuit board testing	GRANTED	08/883904	1997-06-27	5812563	1998-09-22
P07210		Method and apparatus for increasing the answering probability of calls to mobile					
FAM	US	radio terminals	GRANTED	08/708113	1996-09-04	5950128	1999-09-07
P07492 FAM	US	A system and a method for introducing a new service	GRANTED	09/297696	1997-11-06	6412002	2002-06-25
P07577							
FAM	US	USSD-positioning Rechargeable battery with safety	GRANTED	08/986512	1997-12-08	6081711	2000-06-27
P07586 FAM	US	circuit for a portable electric apparatus	GRANTED	08/996473	1997-12-22	6049144	2000-04-11
P07596		An operational test device and method of performing an operational test for a system					
FAM	US	under test.	GRANTED	08/987765	1997-12-09	6011830	2000-01-04
P07658 FAM	US	Method and arrangement in a telecommunication system	GRANTED	09/006490	1998-01-13	6304752	2001-10-16

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Data partitioning and duplication					
P07659		in a distributed data processing					
FAM	US	system	GRANTED	09/341853	1999-11-12	6421687	2002-07-16
P07711		Voice Path Testin in					
FAM	US	Telecommunications system	GRANTED	08/987476	1997-12-09	6134302	2000-10-17
		Communications System and					
P07712		Method for Testing of a		- Table 1			Lindon
FAM	US	Communications Apparatus	GRANTED	08/987616	1997-12-09	5875397	1999-02-23
P07715		Circuit and method for					
FAM	US	generating a voltage	GRANTED	09/018536	1998-02-04	5926013	1999-07-20
P07726		Intelligent terminal application					
FAM	US	protocol	GRANTED	08/825177	1997-03-27	6055424	2000-04-25
P07961		Power amplifier and method					
FAM	US	therein	GRANTED	09/063273	1998-04-21	6014059	2000-01-11
P08041		Bit detection method in a radio					
FAM	US	communications system	GRANTED	09/079853	1998-05-15	6519740	2003-02-11
		Method for frequency mode					
		validation for, frequency assign-					
		ment for, and evaluating the					
		network effect of a frequency					
P08081		plan revision within a dual mode					
FAM	US	cellular telephone system	GRANTED	08/852879	1997-05-08	6052593	2000-04-18
		Apparatus Enabling Usage Of					
P08114		External Display Monitor With A	- A 4 4 4000				
FAM	US	Mobile Telephone	GRANTED	08/845937	1997-04-29	5880732	1999-03-09
P08163		Methodand arrangement in a					
FAM	US	communications network	GRANTED	09/449861	1998-05-26	6744737	2004-06-01
P08165		Arrangement and method by a					
FAM	US	mobile tranceiver	GRANTED	09/099922	1998-06-18	6587674	2003-07-01
P08294		Automated prepayment method					
FAM	US	for mobile terminals	GRANTED	08/896016	1997-07-17	6036090	2000-03-14
P08391		Travel converter for a mobile			*****		
FAM	US	telephone	GRANTED	08/911251	1997-08-15	6108562	2000-08-22
		Mobile terminal based tariff					
P08484		aquisition system for wireless					
FAM	US	services	GRANTED	08/921030	1997-08-29	6101379	2000-08-08
		Method, receiver and					
		multicarrier QAM system for					
P08538		demodulation of an analog	C				
FAM	US	multicarrier QAM signal	GRANTED	09/531336	1998-09-25	6310926	2001-10-30
P08580		An identification arrangement					
FAM	US	and method	GRANTED	09/179269	1998-10-27	6112105	2000-08-29
		Network based tariff acquisition	1				1 2000 00 20
P08643		system for roaming mobile					
FAM	US	subscribers	GRANTED	08/936527	1997-09-24	6167250	2000-12-26
		Query supporting interface				0207230	
		between a customer					
		administrative system and				POPULATION AND ADDRESS OF THE POPULA	No. of the last of
P08783	1	database network elements of a					1
FAM	US	telecommunications system	GRANTED	08/975631	1997-11-21	6134544	2000-10-17
	 	Announcing advertisements to		,		0-01017	
	l .						
P08790		telecommunications system		1			

62

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		Encryption of data packets using					
P08796		a sequence of private keys					
FAM	US	generated from a public key	GRANTED	08/919728	1997-08-28	6052466	2000-04-18
P08830	THE PARTY AND A STATE AND A ST	Prepaid method utilizing credit information stored in mobile terminals for accessing wireless					T T T T T T T T T T T T T T T T T T T
FAM	US	telecommunication networks	GRANTED	08/961947	1997-10-31	6070067	2000-05-30
P08888		Wireless mobile communication	GIVAITED	00/301347	1337 10 31	0070007	2000 03 30
FAM	US	devices for group use	GRANTED	08/980741	1997-12-01	6032051	2000-02-29
P08902	00	On-line notification in a mobile	Olivaria 20		1227, 12 42	0002002	2000 02 23
FAM	US	communications system	GRANTED	09/000929	1997-12-30	6512930	2003-01-28
171171		Method and arrangement for		00,000023	1 200, 42 00	0042550	2005 01 20
P08953		establishing an encrypted					
FAM	US	connection	GRANTED	09/239700	1999-01-29	6483919	2002-11-19
P09011	03	Connection	OWANTED	03/233700	1333-01-43	0403313	2002-11-13
FAM	us	Signal synchronization	GRANTED	09/327735	1999-06-08	6628737	2003-09-30
P09043	03	Variable handoff hysteresis in a	GRANTED	09/32/733	1999-00-08	0028737	2.003-09-30
	US	radio communication system	GRANTED	08/997998	1997-12-24	EOUEGSE	1000 11 20
FAM	03	Implementation of notification	GRANIED	08/33/338	1337-12-24	5995836	1999-11-30
D00076		· '					
P09076		capabilities in relational	GRANTED	08/989944	1007 10 10	C044337	2000 02 24
FAM	US	databases	GRANIED	08/989944	1997-12-12	6041327	2000-03-21
P09094	116	Method for accessing mobile	CDANITED	00/020269	4000 02 22	6101006	2004 04 20
FAM	US	networks	GRANTED	09/028268	1998-02-23	6181936	2001-01-30
P09130	1.50	An equalizer for use in multi-	CRANTER	00/040304	1000 00 07	C405354	2004 00 00
FAM	US	carrier modulation systems	GRANTED	09/049384	1998-03-27	6185251	2001-02-06
P09139		Fair channel allocation protocol	COLUMN	00 (071 070	4000 00 40	6507470	7000 07 04
FAM	US	for DTM networks	GRANTED	09/271978	1999-03-19	6587472	2003-07-01
P09314		Random access in a mobile	CDANTED	00/070400	4000 05 45	6642275	2002 44 04
FAM	US	telecommunications system	GRANTED	09/079438	1998-05-15	6643275	2003-11-04
		Method and system for					
B00544		improving network resource					
P09511		utilization in a cellular	CDANTED	00/124202	1000 00 14	6205226	2004 02 20
FAM	US	communication system	GRANTED	09/134202	1998-08-14	6205336	2001-03-20
P09544		Pipeline processing for data		00/460000	1000 10 70	C=40===	0000 04 70
FAM	US	channels	GRANTED	09/468903	1999-12-22	6512757	2003-01-28
		System and method of mobile				İ	
		station presence verification in a					
P09589		multiple-hyperband cellular					
FAM	US	telecommunications network	GRANTED	09/009055	1998-01-20	6094579	2000-07-25
P09597		Man machine interface help					1
FAM	US	search tool	GRANTED	08/994042	2000-08-14	6198939	2001-03-06
P09638			***				
FAM	US	One-bit correlator rake receiver	GRANTED	09/330003	1999-06-11	6370184	2002-04-09
		Method and device for avoiding					
P09727		interruptions in voice					
FAM	US	transmissions	GRANTED	09/467623	1999-12-20	6466789	2002-10-15
P09730		Local SCP for a mobile integrated					
FAM	US	intelligent network	GRANTED	09/354717	1999-07-16	6374107	2002-04-16
P09780		Method and Arrangement for					
FAM	US	Testing	GRANTED	09/674919	1999-04-20	6526124	2003-02-25

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		System for the marketing of					
P09827		telecommunications traffic					
FAM	US	capacity	GRANTED	09/199830	1998-11-25	6421434	2002-07-16
P09846		Fast Bias Prediction for					
FAM	US	Importance Samling	GRANTED	09/467624	1999-12-20	6466925	2002-10-15
P09850		Device and method for					
FAM	US	telecommunication systems	GRANTED	09/271977	1999-03-19	6614888	2003-09-02
		Meta-service activating interface					
		between a customer			***************************************		-
		administrative system and					
P10294		database network elements of a					
FAM	US	communications network	GRANTED	09/119131	1998-07-20	6199066	2001-03-06
		Method, apparatus and system		,			
P10311		for determining a location of a				1	
FAM	US	frequency synchronization signal	GRANTED	09/106227	1998-06-29	6356608	2002-03-12
P10806	00	Communication receiver having		05, 100027		000000	1 2002 00 22
FAM	US	reduced dynamic range	GRANTED	09/977573	2001-10-15	6678509	2004-01-13
		Operation and maintenance		03/377373	2001 10 15	007.0303	120010220
		control point and method of					7
		managing a self-engineering					atmaces and the second
P10814		telecommunications network (as					CONTRACT Temporal
FAM	US	amended)	GRANTED	09/138719	1998-08-24	6233449	2001-05-15
P10827		DATA UNIT SENDING MEANS	GRANTED	05/150/15	1330 00 24	0233443	2001 03 13
FAM	US	AND CONTROL METHOD	GRANTED	09/577876	2000-05-25	6816471	2004-11-09
P10827	- 03	DATA UNIT SENDING MEANS	GMANTED	03/3/78/0	2000-03-23	0810471	2004-11-03
FAM	US	AND CONTROL METHOD	GRANTED	10/866832	2004-06-15	7035237	2006-04-25
I AIVI	03	System and method of	GRANTED	10/800832	2004-00-13	7033237	2000-04-23
		automatically conveying a					
P10873		wireless office system (WOS)					
FAM	US	frequency set to mobile stations	GRANTED	09/159930	1998-09-24	6263211	2001-07-17
T-ANN	03	System and method for a	GRANTED	09/139930	1330-03-24	0203211	2001-07-17
		previously activated mobile					
		station to challenge network					
P10874		mobile station knowledge during					
FAM	US	over the air activation	GRANTED	09/160369	1998-09-24	6195547	2001-02-27
P10933	03	over the all activation	GRANIED	09/100309	1996-09-24	0193547	2001-02-27
	US	High O Curatar Structures	GRANTED	00/730000	2000 11 20	C40070C	3002 42 02
FAM	03	High-Q Gyrator Structures Method and Apparatus for	GRANIED	09/726908	2000-11-30	6490706	2002-12-03
P10950		Generating a Linearly Modulated					
	US	,	CDANTED	00/107050	1000 10 07	6101224	2000 00 00
FAM	<u> </u>	Signal Using Polar Modulation	GRANTED	09/167658	1998-10-07	6101224	2000-08-08
D40067		Coverage detection and				P	
P10967	116	indication in multimedia	CDANTED	00/470746	4000 40 46	C##2040	2002 04 22
FAM	US	radiocommunication systems	GRANTED	09/173716	1998-10-16	6553010	2003-04-22
D44004		INTEGRATION OF NARROWBAND	1				
P11091	110	AND BROADBAND SS7 PROTOCOL	CRANTER	00/570004	2000 05 05	5504500	2004 22 22
FAM	US	STACKS	GRANTED	09/579924	2000-05-26	6681009	2004-01-20
D44470		A method and a system relating				A. A. A. A. A. A. A. A. A. A. A. A. A. A	
P11176		to a mobile communication	CDANITE	00/500464	2000 00 00		0004.54.55
FAM	US	device	GRANTED	09/588461	2000-06-06	6718175	2004-04-06

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P11177	***************************************	System and method of handling emergency calls in a radio telecommunications network in the presence of cloned mobile					
FAM	US	stations.	GRANTED	09/187935	1998-11-06	6148190	2000-11-14
		An arrangement and a method					
P11187		relating to cellular radio			***		
FAM	US	communication systems	GRANTED	09/465508	1999-12-16	6363250	2002-03-26
044226		Method and system for					
P11226 FAM	US	monitoring power output in transceivers	GRANTED	09/223633	1998-12-31	6434386	2002 08 12
r _M ivi	03	A wireless communication	GNAMIED	09/223033	1990-12-51	0434300	2002-08-13
P11227		system that supports mobile test					and the state of t
FAM	US	software agents	GRANTED	09/220456	1998-12-24	6434364	2002-08-13
		System and method for over the		,			
P11235		air activation in a wireless					
FAM	US	telecommunications network	GRANTED	09/201534	1998-11-30	6141544	2000-10-31
		An Apparatus for Illuminating an					
P11249		Electroluminscent Lamp that			78.0000		
FAM	US	Preserves Battery Power	GRANTED	09/223787	1998-12-31	6157138	2000-12-05
P11255		Buzzer with zener diode in		00/055700			
FAM	US	discharge path	GRANTED	09/266792	1999-03-12	6111497	2000-08-29
011272		Method and system for emitter					
P11272 FAM	US	partitioning for SiGe RF power transistors	GRANTED	09/189804	1998-11-12	6236072	2001-05-22
FAIVI	03	Method and system for emitter	GRANTED	09/109004	1996-11-12	0230072	2001-03-22
P11272		partitioning for SiGe RF power					
FAM	US	transistors	GRANTED	09/801701	1998-11-12	6503809	2003-01-07
P11283		Method and apparatus for		05/002.02		000000	1
FAM	US	configuring a rake receiver	GRANTED	09/204359	1998-12-04	6665282	2003-12-16
		Method and apparatus of					- 1-31-3017 COMMONDER PROPERTY TO COMPANY
P11306		invoking services in a				***************************************	
FAM	US	telecommunications terminal	GRANTED	09/556872	2000-04-21	6574467	2003-06-03
P11315		Mobile Terminal Interface					
FAM	US	Adaptions	GRANTED	09/487240	2000-01-20	6615059	2003-09-02
		System and Method for Dial-Up					
P11320		Networking Over Infrared Data	CRANTER	00/407050	1000 11 00	C	
FAM	US	Link	GRANTED	09/437052	1999-11-09	6519644	2003-02-11
		System and method for providing multiple endpoints in a device					
P11331		disposed in a packet -switched					
FAM	US	network	GRANTED	09/346769	1999-07-07	6667968	2003-12-23
.,,,,,,		Multipoint Data Synchronization	OW WITED	03/3 (0703	1333 0, 0,	0007300	2003 12 23
P11334		Protocol to Avoid Data				 	
FAM	US	Corruption	GRANTED	09/457371	1999-12-09	6393419	2002-05-21
		A portable communication					
		device, and a method for		T. Carlotte			
P11482		determining a power			Comment Adv. Adv.		
FAM	US	consumption thereof	GRANTED	09/490116	2000-01-24	6957091	2005-10-18
		A Method for Synchronizing a					
P11506	l uc	Host Database and a Remote	CDANTES	00/400040	2000 00 00	646667	2002 10 1-
FAM	US	Database	GRANTED	09/499348	2000-02-08	6466951	2002-10-15

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		VOICE COMMUNICATION					
		BETWEEN A PORTABLE					
P11532		COMMUNICATION APPARATUS					
FAM	US	AND AN EXTERNAL TERMINAL	GRANTED	09/969371	2001-10-01	7054280	2006-05-30
P11534		Diversed size 120 slave	CDANITED	00/226466	1000 01 07	6262427	2002 02 26
FAM P11697	US	Plug and play 12C slave Latch Assembly and Connector	GRANTED	09/226166	1999-01-07	6363437	2002-03-26
FAM	US	Assembly Including the Same	GRANTED	09/639222	2000-08-15	6238230	2001-05-29
LAM	03	Mobile Station Assisted Forward	GIVANTED	03/033222	2000-08-13	0238230	2001-03-23
P11807		Link Open Loop Power And Rate				ALL DESCRIPTION OF THE PROPERTY OF THE PROPERT	
FAM	US	Control In CDMA System	GRANTED	09/481948	2000-01-12	6393276	2002-05-21
		VERSATILE SYSTEM FOR					
P11820		FUNCTIONAL DISTRIBUTION OF					
FAM	US	LOCATION REGISTERS	GRANTED	09/548321	2000-04-13	6691164	2004-02-10
.,		COMBINED CDMA MULTI-					·
P11844		SERVICE CARRIER AND					
FAM	US	TDMA/CDMA PACKET CARRIER	GRANTED	09/474056	1999-12-28	6879580	2005-04-12
		Call Admission Control Algorithm					
		with Dynamic Partitioning of					
P11881	were the second	Resources between Voice and					
FAM	US	Data Users	GRANTED	09/583998	2000-05-30	6975609	2005-12-13
P11905		Arrangement at a mobile					
FAM	US	telephone	GRANTED	09/527057	2000-03-16	6493542	2002-12-10
		Methods and Apparatus for					
D44000		Improving Adaptive Filter					
P11922	LIC	Performance by Inclusion of Inaudible Information	CDANITED	00/220050	1000 05 27	7063030	2006 06 13
FAM	US		GRANTED	09/320659	1999-05-27	7062039	2006-06-13
P11927 FAM	US	Voltage/current regulator and method for battery charging	GRANTED	09/543898	2000-04-06	6229283	2001-05-08
P11929	0.3	Flexible Rate Matching	GRANIED	03/343838	2000-04-08	0223283	2001-03-08
FAM	US	Implementation	GRANTED	10/500538	2002-09-18	7437655	2008-10-14
P11950	03	THE PROPERTY OF THE PROPERTY O	OTO III TO	10, 500550	2002 00 10	, , , , , , , , , , , , , , , , , , , ,	2000 10 17
FAM	US	Headset	GRANTED	09/959468	1999-04-29	6804364	2004-10-12
P11958		Tailored power levels at handoff					
FAM	US	and call setup	GRANTED	09/471128	1999-12-23	6654608	2003-11-25
P12002							
FAM	US	Fast Decoding of Long Codes	GRANTED	09/732864	2000-12-11	6628634	2003-09-30
P12032		Apparatus and method of			TO THE PARTY OF TH		
FAM	US	detecting proximity inductively	GRANTED	09/597303	2000-06-20	6545612	2003-04-08
		System and method for providing					
P12060		wireless local loop access using					
FAM	US	an access multiplexer	GRANTED	09/316409	1999-05-20	6452942	2002-09-17
P12118				00/05055	2000 00 00		
FAM	US	Amplifier	GRANTED	09/658272	2000-09-08	6429739	2002-08-06
P12136	110	T	CDANTED	00/626570	2000 00 40	6700774	2004 00 20
FAM	US	Transcoder rate controller	GRANTED	09/636578	2000-08-10	6798774	2004-09-28
P12151	Lic	Flexible Dual Mode Antenna for	CDANTED	00/420000	1000 10 20	6163203	2000 12 10
FAM	US	Mobile Stations	GRANTED	09/429066	1999-10-29	6163302	2000-12-19
P12156	lic.	Encilitating Data Transmission	CDANITED	10/070606	2000 09 16	7172626	2006 10 17
FAM D12157	US	Facilitating Data Transmission Billing ID correlation for inter-	GRANTED	10/070696	2000-08-16	7123626	2006-10-17
P12157	US	technology roaming	GRANTED	09/442847	1999-11-18	6408173	2002-06-18
FAM	US	Lecinology roaming	QUANTED	U2/44Z04/	1222-11-19	04091/3	Z00Z-00-18

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		System and method for providing access to service nodes from					
P12164		entities disposed in an integrated				1	
FAM	US	telecommunications network	GRANTED	09/472410	1999-12-27	6940847	2005-09-06
P12168			-				
FAM	US	Method for authorization check	GRANTED	09/367530	1998-02-05	6556680	2003-04-29
P12218							**
FAM	US	Simple chip identification	GRANTED	09/614583	2000-07-12	6483335	2002-11-19
P12241		Hierarchy of the ways of					
FAM	US	addressing messages	GRANTED	09/407572	1999-09-28	6377807	2002-04-23
		A mobile station, a method of					
		transmitting electronic					
P12247		information, and a					
FAM	US	communications system	GRANTED	09/746450	2000-12-21	6907063	2005-06-14
P12263							
FAM	US	Double Sided Gasket	GRANTED	09/399157	1999-09-20	6332618	2001-12-25
P12266		Method and arrangement in a					
FAM	US	communication network	GRANTED	09/692709	2000-10-19	7181614	2007-02-20
		System and Method for					
P12445		Forwarding Messages to a					
FAM	US	Subscriber Device	GRANTED	09/645390	2000-08-24	6405035	2002-06-11
P12496		Data Mining of Calls Based					WWW
FAM	US	onCalled Party Identity	GRANTED	09/651716	2000-08-31	6628770	2003-09-30
		Method for Learning the					
P12509		Combined Response of the					
FAM	US	Transmit and Receive Filters	GRANTED	09/773889	2001-02-02	6920191	2005-07-19
P12790		Fast flow control methods for					
FAM	US	communication networks	GRANTED	09/918020	2001-07-30	7221653	2007-05-22
		System and method of creating					
P12824		subscriber services in an IP-based					
FAM	US	telecommunications network	GRANTED	09/578597	2000-05-25	6711157	2004-03-23
		Method of handling subscriber					
P12832		services in a wireless intelligent					
FAM	US	network	GRANTED	09/610135	2000-07-05	6615042	2003-09-02
		Apparatus and method for]	
P12862		mobile subscriber service					
FAM	US	modification	GRANTED	09/303771	1999-04-30	6449479	2002-09-10
		Method and apparatus for			TPPO A TP	THE PERSONNEL	
P12868		Channel Estimation with Transmit			1		
FAM	US	Diversity	GRANTED	09/573157	2000-05-19	6853689	2005-02-08
P12907		Improved Fractional-N Phase					
FAM	US	Locked Loop	GRANTED	09/580119	2000-05-30	6959063	2005-10-25
P12951		Method and devices for dialing					
FAM	US	services	GRANTED	09/725705	2000-11-29	6757539	2004-06-29
P12951	,	Method and devices for dialing		10/04:555			
FAM	US	services	GRANTED	10/841023	2004-05-07	7324811	2008-01-29
P13001				10/	005		
FAM	US	A Telecommunication System	GRANTED	10/400666	2003-03-28	7043248	2006-05-09
		A Method and Apparatus for			***************************************		
P13080		Providing a Camera Accessory	GD====	00/0000	2000 45 55		2001.05
FAM	US	with Compression	GRANTED	09/680287	2000-10-06	6792148	2004-09-14

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND SYSTEM FOR INCREMENTAL REDUNDANCY					
P13106 FAM	US	OPERATION ON VARIABLE GROSS RATE CHANNELS	GRANTED	09/505792	2000-02-17	6604216	2003-08-05
P13109 FAM	US	Error correction using packet combining during soft handover	GRANTED	09/764506	2001-01-17	6691273	2004-02-10
		System and method for dual microphone signal noise					A STATE OF THE STA
P13137		reduction using spectral					
FAM	US	subtraction	GRANTED	09/493265	2000-01-28	6717991	2004-04-06
P13138				307,130200		0,2,552	
FAM	US	ESD protecting device	GRANTED	09/745683	2000-12-21	6435887	2002-08-20
P13139		Phase-Compensated Impedance					
FAM	US	Converter	GRANTED	09/472363	1999-12-23	6404308	2002-06-11
		A method of manufacturing a					
		shell element provided with an					
		opening in an angled part and a					
P13156		shell element manufactured by					
FAM	US	said method	GRANTED	09/789173	2001-02-20	6635210	2003-10-21
P13169		Matched crystal temperature	CD ANTES	00/654004	2000 00 40	5533343	2002.00.40
FAM	US	compensation device	GRANTED	09/664921	2000-09-18	6522212	2003-02-18
		A method of converting the					
D40470		speech rate of a speech signal,					num representation of the second
P13172 FAM	US	use of the method, and a device adapted therefor	GRANTED	09/827195	2001-04-05	6763329	2004-07-13
P13178	<u> </u>	System and Method for	GRANTED	03/02/133	2001-04-03	0/03329	2004-07-13
FAM	US	Modifying Speech Signals	GRANTED	09/754993	2001-01-05	6704711	2004-03-09
1 / YEVI		Method for measuring system	GIVANTED	05/734555	2001-01-03	0704711	2004-03-03
P13206		clock signal frequency variations					
FAM	us	in digital processing systems	GRANTED	09/795231	2001-02-26	6681200	2004-01-20
P13210		Method and apparatus for		•			
FAM	US	transmit power control	GRANTED	09/677131	2000-09-29	6904290	2005-06-07
		A System and Method for					
		Sending Multimedia Attachments					
P13212		to Text Messages in					
FAM	US	Radiocommunication Systems	GRANTED	09/630624	2000-08-03	6865191	2005-03-08
P13228		Tariff determination in mobile					
FAM	US	telecommunication networks	GRANTED	09/614836	2000-07-12	6650886	2003-11-18
P13285							
FAM	US	Life cycle charging for batteries	GRANTED	09/722884	2000-11-28	6337560	2002-01-08
P13345		Method for downlink attenuation		00/605064		5555475	
FAM	US	based on mobile protocol version	GRANTED	09/625361	2000-07-25	6836473	2004-12-28
		Way of printing difficult spots					
		with a conductive coating on an					namenta de la company
P13361		electrical unit REG: Printing of a conductive coating on an electric				Production	***
FAM	US	unit	GRANTED	09/805408	2001-03-13	6729238	2004-05-04
FAIVI	03	Impedance matched horn having	GNANTED	03/003400	2001-03-13	0/23230	2004-03-04
P13369		impedance matched to	Consideration of the Constitution of the Const				
FAM	US	impedance of an ear	GRANTED	09/594816	2000-06-16	6907121	2005-06-14
P13372		impodance of all car	ONANTED	05/354010	2000-00-10	0,0,121	2003-00-14
			i .				

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P13372							
FAM	US	Versatile charge sampling circuits	GRANTED	11/099488	2005-04-06	7023245	2006-04-04
P13372							
FAM	US	Versatile charge sampling circuits	GRANTED	11/099460	2005-04-06	8035421	2011-10-11
P13384							
FAM	US	Frequency Multiplexer	GRANTED	09/617678	2000-07-14	6950410	2005-09-27
P13403		A pipelined microprocessor and a					
FAM	US	method relating thereto	GRANTED	09/965961	2001-09-27	6807621	2004-10-19
		IP-based base station system					
P13438		cross-references to related					
FAM	US	applications	GRANTED	09/686502	2000-10-11	6996092	2006-02-07
P13443		Linear dead-band-free digital					
FAM	US	phase detection	GRANTED	09/580632	2000-05-30	6985551	2006-01-10
		A lever device for a holder					
P13455		adapted to receive a hand-held					
FAM	US	unit, and such a holder	GRANTED	09/864781	2001-05-24	6754343	2004-06-22
		Mobile radio communication					
P13527		system and method for					
FAM	US	controlling such system	GRANTED	10/344918	2001-08-22	6917806	2005-07-12
		A Communications Interface					
P13629		Device for Receiving Digital					
FAM	υŝ	Signals	GRANTED	10/468260	2002-02-15	7580677	2009-08-25
		METHODS AND APPARATUS FOR					
P13638		CHANNEL ESTIMATION USING					
FAM	US	PLURAL CHANNELS	GRANTED	09/996513	2001-11-28	7346126	2008-03-18
		System and method for adapting					
		information content according to				PARAMETERS.	
P13675		the capability of the access					
FAM	US	bearer	FILED	10/337198	2001-07-06		
		Method and device for					
P13838		generating an adapted reference					
FAM	US	for speech recognition.	GRANTED	09/985844	2001-11-06	6961702	2005-11-01
		Controlling surveillance					
		monitoring of mobile station					
P13877		communications at inter-					
FAM	US	exchange handoff	GRANTED	09/666897	2000-09-20	6567656	2003-05-20
P13905							
FAM	US	A transmitter	GRANTED	10/432549	2001-11-07	7065330	2006-06-20
P13933							
FAM	US	Shield can	GRANTED	10/036632	2001-12-21	6682674	2004-01-27
P14119							
FAM	US	Cell relation manager	GRANTED	09/908631	2001-07-20	6810248	2004-10-26
		POWER CONTROL IN MOBILE					
P14748		RADIO COMMUNICATIONS					
FAM	US	SYSTEMS	GRANTED	10/499071	2002-12-18	7366230	2008-04-29
P14877		Transmit receive switch with high	T				
FAM	US	power protection	GRANTED	10/508466	2002-03-22	7138885	2006-11-21
		SRNS-relocation while using		-		- Commence	
P14896		direct transport bearers between				AND AND AND AND AND AND AND AND AND AND	
FAM	US	SRNC and node-B	FILED	10/078161	2002-02-20		

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND ARRANGEMENTS					
P15087		RELATING TO A RADIO					
FAM	US	COMMUNICATION SYSTEM	GRANTED	10/509825	2003-04-02	7328038	2008-02-05
		A means and a method relating					-
P15240		to optimization of network	1				
FAM	US	operation and planning	GRANTED	11/100378	2002-11-06	7908209	2011-03-15
		Methods, systems, and computer			:		
	į	program products for allocating		1			
-		bandwidth in a radio packet data system based on data rate	CARROLL STREET				1
		estimates determined for one or					
P15345		more idle transmitter/sector					
FAM	US	scenarios	GRANTED	10/267223	2002-10-09	7313110	2007-12-25
17441		Method and memory controller	GIOWALE	10,2,01223	2002 10 03	, 515110	2007 12 23
P16511		for scalable multi-channel					
FAM	US	memory access	GRANTED	10/529621	2003-09-19	7231484	2007-06-12
P16841			1				1
FAM	US	Printed Circuit Boards	GRANTED	09/529312	1998-10-13	6262392	2001-07-17
P16882	<u> </u>						
FAM	US	Radio Communications	GRANTED	09/743642	1999-07-05	6922551	2005-07-26
P16908							
FAM	ŲS	Sending dialled number	GRANTED	09/433936	1999-11-04	6498940	2002-12-24
		Method and apparatus for			, , , , , , , , , , , , , , , , , , ,		
	<u></u>	generating acoustic models for					
		speaker independent speech					
P17197		recognition of foreign words					
FAM	US	uttered by non-native speakers	GRANTED	10/793072	2004-03-04	7415411	2008-08-19
		METHOD OF AND APPARATUS					
P17481		FOR NOISE WHITENING			Mark Printers or Front		
FAM	US	FILTERING	GRANTED	10/684598	2003-10-14	7212593	2007-05-01
P17539		Middleware Application	14 AAAAAA				MANY VAN SERIES
FAM	US	Environment; epetkla	GRANTED	10/664618	2003-09-19	7350211	2008-03-25
P17891				40/505050			
FAM	US	IP Based Signalling Networks	GRANTED	10/595000	2003-06-18	7996504	2011-08-09
		METHOD OF AND APPARATUS					
P17926		FOR SINGLE ANTENNA INTERFERENCE REJECTION					
FAM	US	THROUGH RELAXATION	GRANTED	10/685218	2003-10-14	7289583	2007-10-30
TAIVE	03	METHODS OF PROCESSING	GRANIED	10/065218	2003-10-14	/209303	2007-10-30
	j	DIGITAL IMAGE AND/OR VIDEO	ļ				ļ
		DATA INCLUDING LUMINANCE					
		FILTERING BASED ON					
		CHROMINANCE DATA AND	·				
	<u></u>	RELATED SYSTEMS AND					
P18072		COMPUTER PROGRAM	A. Alakana			and the same of th	
FAM	US	PRODUCTS	GRANTED	11/846778	2007-08-29	8274577	2012-09-25
P18218							
FAM	US	RLC window size reconfiguration	GRANTED	10/551080	2004-04-06	7729719	2010-06-01
		SYSTEM AND METHOD FOR					
P18265		REPORTING MEASUREMENTS IN					er. a. a. a. a. a. a. a. a. a. a. a. a. a.
FAM	US	A COMMUNICATION SYSTEM	GRANTED	10/572372	2003-09-30	7580362	2009-08-25

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND APPARATUS FOR					
P18268		PHASE-NOISE COMPENSATION IN					
FAM	US	DIGITAL RECEIVERS	GRANTED	11/301100	2005-12-12	7903769	2011-03-08
		A METHOD AND SYSTEM FOR					
		INCLUDING LOCATION				THOUSE THE STATE OF THE STATE O	
P18279		INFORMATION IN A USSD					
FAM	US	MESSAGE BY A NETWORK NODE	GRANTED	10/595075	2004-07-29	7778646	2010-08-17
P18343							
FAM	US	Mixer with Feedback	GRANTED	10/746330	2003-12-23	7672659	2010-04-02
		POWER CONTROL AND CHANNEL					
P18385		SELECTION IN A MULTI CHANNEL					
FAM	US	COMMUNICATION SYSTEM	GRANTED	11/793913	2004-12-22	7933218	2011-04-26
		On-Off Keying for Forward					
P18426		ACK/NAK Channels in CDMA					
FAM	US	Systems	GRANTED	10/769010	2004-01-30	7466666	2008-12-16
P18466		Fast Soft Value Computation					
FAM	US	Methods for Gray-Mapped QAM	GRANTED	10/746434	2003-12-24	7315578	2008-01-01
P18547		CHANNEL ESTIMATION BY	0.0	20,7,0101		1313370	2000 02 02
FAM	US	ADAPTIVE INTERPOLATION	GRANTED	10/920928	2004-08-18	7433433	2008-10-07
P18640		ADAI IS E INTERCODATION	GIVAITED	10/320320	2004 00-18	7433433	2008 10 07
FAM	US	Management of Neighbor Lists	GRANTED	10/735334	2003-12-12	7130627	2006-10-31
FAIVI	. 03	Successive Interference	GRANTED	10/733334	2003-12-12	/13002/	2000-10-31
P18658		Cancellation in a Generalized					
FAM	US	Rake Receiver Architecture	GRANTED	10/795101	2004-03-05	7339980	2008-03-04
	1 03	· · · · · · · · · · · · · · · · · · ·	GRANTED	10//93101	2004-03-05	733990	2008-03-04
P18788	ue	CONTROL OF MOBILE PACKET	CDANTED	10/502002	2004 02 27	0155116	2012 04 40
FAM	US	STREAMS	GRANTED	10/583962	2004-02-27	8155116	2012-04-10
P18801		Adaptive threshold for HS-SCCH	CDANITED	40/700530	2004.02.40	7.00070	2000 07 20
FAM	US	part 1 decoding	GRANTED	10/780633	2004-02-19	7406070	2008-07-29
540007		METHOD AND APPARATUS IN A					
P18887		CELLULAR	COLUMN	40/502600	2002 42 40	7004368	2014 02 04
FAM	US	TELECOMMUNICATIONS SYSTEM	GRANTED	10/582688	2003-12-19	7881260	2011-02-01
		ABSOLUTE TIME					
P18947		SYNCHRONIZATION OF NODES IN		/			
FAM	US	A UNIDIRECTIONAL FIBER RING	GRANTED	10/596852	2004-12-28	7660524	2010-02-09
		A METHOD AND SYSTEM FOR					
P19017		REWARDING USERS OF SERVICES					
FAM	US	IN A COMMUNICATIONS SYSTEM	GRANTED	11/720501	2005-12-01	8385522	2013-02-26
		Method and System for					
P19043		Determining Uplink/Downlink					
FAM	US	Path-Loss Difference	GRANTED	10/926742	2004-08-26	7302276	2007-11-27
P19078		CO-SEQUENCE INTERFERENCE					
FAM	US	DETECTION AND TREATMENT	GRANTED	11/628460	2004-06-18	8023938	2011-09-20
P19191		SYNCHRONIZATION DETECTION	İ				
FAM	US	METHODS AND APPARATUS	GRANTED	10/839926	2004-05-06	7437175	2008-10-14
		USSD-FACILITATED CALL SETUP					
P19399		FOR PUSH TO TALK OVER	Property of the Control of the Contr				
FAM	US	CELLULAR (POC) SERVICES	GRANTED	10/998340	2004-11-23	7289816	2007-10-30
		METHOD AND APPARATUS TO					
		IMPROVE COMMUNICATION	-				
P19541		PERFORMANCE IN ARQ			1		
FAM	US	NETWORKS	GRANTED	11/018773	2004-12-21	7697469	2010-04-13

7284185 7372895 7600164 7689639	2007-10-16 2008-05-13 2009-10-06
7372895 7600164 7689639	2008-05-13
7372895 7600164 7689639	2008-05-13
7600164 7689639	
7600164 7689639	
7600164 7689639	
7689639	2009-10-06
7689639	2009-10-06
7689639	2009-10-06
	1
7689798	2010-03-30
7689798	
7689798	
	2010-03-30
7136536	2006-11-14
8035946	2011-10-11
7483674	2009-01-27
- Williams	
7348996	2008-03-25
7873362	2011-01-18
7249217	2007-07-24
8103265	2012-01-24
3-33-33	
The state of the s	
7545893	2009-06-09
7526745	2009-04-28
7685220	2010-03-23
7000220	
A CONTRACTOR OF THE PROPERTY O	
	2012-04-10
	7545893 7526745 7685220

72

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P20562		METHOD AND APPARATUS					
FAM	US	RELATING TO POWER CONTROL	GRANTED	11/912238	2005-04-22	7979084	2011-07-12
		Adjusting a filter of a time-					
P20842		continuous Sigma-Delta					
FAM	US	converter	GRANTED	12/097242	2006-12-02	7880652	2011-02-01
P20897		Retransmission Protocol with two					
FAM	US	Feedback Mechanisms	GRANTED	11/383830	2006-05-17	7673211	2010-03-02
P20914		HOST IDENTITY PROTOCOL					
FAM	US	METHOD AND APPARATUS	GRANTED	11/915196	2006-05-23	7849195	2010-12-07
P20920		Method and apparatus for			as As a common		ANA AWAREN
FAM	US	identifying an IMS service	GRANTED	11/914796	2005-05-25	8285852	2012-10-09
P20920		Method and apparatus for					
FAM	US	identifying an IMS service	GRANTED	13/608082	2012-09-10	8572261	2013-10-29
P20920		Method and apparatus for					
FAM	US	identifying an IMS service	FILED	13/959075	2013-08-05		
P20921		Call forwarding in an IP					
FAM	US	Multimedia Subsystem	GRANTED	11/915235	2005-05-27	8059633	2011-11-15
P20936							
FAM	US	Efficient Cell Selection	GRANTED	11/289184	2005-11-29	8396141	2013-03-12
		Methods to enhance Principal					
P20998		Referencing proposals in Identity-					
FAM	US	based scenarios	GRANTED	11/917084	2006-06-23	8095660	2012-01-10
P21004		DYNAMIC ROBUST HEADER					
FAM	US	COMPRESSION	FILED	11/424600	2006-06-16		
		Method and apparatus for					
P21077		distributing application server				-	
FAM	US	addresses in an IMS	GRANTED	11/995879	2005-08-15	7761600	2010-07-20
P21157		Security System for Wireless					
FAM	US	Internet	GRANTED	11/988835	2006-06-16	8081070	2011-12-20
		TRANSMITTERWITHINTELLIGENT					
		PRE-					
P21481		CONDITIONINGOFAMPLIFIERSIGN					
FAM	US	AL	GRANTED	11/425410	2006-06-21	7940833	2011-05-10
		METHOD AND TERMINATION					
P21502		NODE FOR BUNDLING MULTIPLE					
FAM	US	MESSAGES INTO A PACKET	GRANTED	12/293664	2006-03-28	8446835	2013-05-21
		APPARATUS AND METHOD FOR					
		PRODUCING 3D AUDIO IN					
P21594	}	SYSTEMS WITH CLOSELY SPACED]			
FAM	US	SPEAKERS	GRANTED	12/412072	2009-03-26	8295498	2012-10-23
P21672		METHOD AND ARRANGEMENT IN					
FAM	US	A COMMUNICATIONS SYSTEM	GRANTED	12/301579	2006-05-19	8243758	2012-08-14
		ENHANCING COVERAGE FOR					
P21788		HIGH SPEED DOWNLINK PACKET					
FAM	US	ACCESS (HSDPA) CHANNEL	GRANTED	11/617788	2006-12-29	8422435	2013-04-16
P21958		A System and a Method relating				Voorvoonnee	
FAM	US	to Network Management	FILED	12/514582	2006-11-14		
P21986		User Equipment Information		_			
FAM	US	based binding	GRANTED	12/513744	2006-11-06	8606893	2013-12-10

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		A mobile station communicating with a base station via a separate					A STATE OF THE STA
		uplink when the parameters of					
P22098		channel quality fall below the					
FAM	US	predefined thresholds	GRANTED	12/514900	2006-11-17	8125921	2012-02-28
P22160		EFFICIENT DATA INTEGRITY					
FAM	US	PROTECTION	GRANTED	11/611128	2006-12-14	8036380	2011-10-11
P22191		DMAC TO HANDLE TRANSFERS					
FAM	US	OF UNKNOWN LENGTHS	GRANTED	11/563732	2006-11-28	7433977	2008-10-07
		Methods and arrangements in a					
P22391		multi-tone transmission-based					
FAM	US	communication system.	GRANTED	12/442798	2006-09-04	8320480	2012-11-27
P22545		FAST, HIGH RESOLUTION					
FAM	US	DIGITAL-TO-ANALOG CONVERTER	GRANTED	11/612551	2006-12-19	7456772	2008-11-25
		METHOD FO REDUCING INTRA-					
		CELL INTERFERENCE BETWEEN					
P22578		CELL PHONES PERFORMING	1		£		· faces
FAM	US	RANDOM ACCESS	GRANTED	12/444056	2007-06-26	8345654	2013-01-01
		POLICY MANAGEMENT IN A					
P22594		ROAMING OR HANDOVER					
FAM	ŲS	SCENARIO IN AN IP NETWORK	GRANTED	12/376401	2007-06-01	8280374	2012-10-02
P22609		LOAD CONTROL IN A		ALIAN AND AND AND AND AND AND AND AND AND A			
FAM	US	COMMUNICATION NETWORK	GRANTED	12/445060	2006-10-09	8040805	2011-10-18
		Method and Apparatus for				The state of the s	
P22635		Receiving Radio Frequency					
FAM	US	Signals	GRANTED	11/609399	2006-12-12	7599675	2009-10-06
P22639							
FAM	US	Error Recovery for Rich Media	GRANTED	12/305301	2007-06-25	8578228	2013-11-15
		METHOD AND APPARATUS FOR					
		ALLOCATING USABLE SUB-					
		CARRIERS TO PHYSICAL					
P22642		RESOURCE BLOCKS IN A MOBILE					
FAM	US	TELECOMMUNICATIONS SYSTEM.	GRANTED	12/439286	2007-08-27	8514694	2013-08-20
		A METHOD AND APPARATUS FOR					
		PROVIDING NETWORK					
P22710		RESOURCES TO CONTENT					
FAM	US	PROVIDERS	FILED	12/523732	2007-01-26		
		RECEIVER PARAMETRIC					
P22739		COVARIANCE ESTIMATION FOR				area area (A)	
FAM	US	TRANSMIT DIVERSITY	GRANTED	11/751109	2007-05-21	7848387	2010-12-07
P22752		Method and apparatus for use in					
FAM	US	a communications network	GRANTED	12/524031	2007-01-24	8249562	2012-08-21
P23012							
FAM	US	HIP NODE REACHABILITY	FILED	12/599714	2008-05-08		
		Method and system for using					79
P23030	-	user equipment to compose an					
FAM	US	ad-hoc mosaic	GRANTED	11/625643	2007-01-22	7835727	2010-11-16
		QUADRATIC PERMUTATION					
P23084		POLYNOMIAL INTERLEAVER/DE-					
FAM	US	INTERLEAVER FOR TURBO CODES	GRANTED	11/936242	2007-11-14	8239711	2012-08-07
	1	QUADRATIC PERMUTATION	1				
P23084		POLYNOMIAL INTERLEAVER/DE-				And the same of th	
FAM	US	INTERLEAVER FOR TURBO CODES	FILED	13/561781	2012-07-30		

							Patent
Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF	5-10-10-10-10-10-10-10-10-10-10-10-10-10-				200
FAM	US	RECEIVER	GRANTED	11/754696	2007-05-29	7486135	2009-02-03
		EFFICIENT, SECURE DIGITAL					
P23220		WIRELESS VOICE TELEPHONY VIA]	
FAM	US	SELECTIVE ENCRYPTION	GRANTED	11/757679	2007-06-04	8244305	2012-08-14
		MULTI MODE OUTER LOOP					
P23250		POWER CONTROL IN A WIRELESS					
FAM	US	NETWORK	GRANTED	12/518544	2007-08-28	8150447	2012-04-03
		Method and apparatus for					
P23276		interference suppression in a					
FAM	US	wireless communication receiver	GRANTED	11/767905	2007-06-25	7822101	2010-11-26
P23377		Multicast push to talk groups,			1 200. 33 23	7 3 2 2 2 2	
FAM	US	apparatus, and methods	GRANTED	11/696428	2007-04-04	8447340	2013-05-21
P23447	- 05	Digitally controllable on-chip	COMMILE	11,000-20		0117570	2013 03 22
FAM	US	resistors and methods	GRANTED	11/800954	2007-05-08	7602327	2009-10-13
P23542		Supplementary services in	GIGHTLD	11/000554	2007-03-08	7002327	2003 10-13
FAM	US	communication networks.	GRANTED	12/526291	2007-02-16	8489682	2013-07-16
P23767	03	METHOD AND ARRANGEMENT IN	OIMITED	12/32/0231	2007-02-10	0403002	2013-07-10
FAM	US	A TELECOMMUNICATION SYSTEM	GRANTED	12/531716	2007-10-16	8401561	2013-03-19
LWIA!	V3		GRANTED	12/331/10	2007-10-10	0401301	2012-02-19
P23992		SYNCHRONIZATION TIME DIFFERENCE MEASUREMENTS IN					
FAM	US	OFDM SYSTEMS	COANTED	11/062169	2007 12 21	0102754	2012 01 24
	103		GRANTED	11/962168	2007-12-21	8102754	2012-01-24
P24013	110	METHOD AND ARRANGEMENT IN	CDANTED	13/507930	2000 07 27	0200406	2012 02 40
FAM	US	A TELECOMMUNICATION SYSTEM	GRANTED	12/597839	2008-02-27	8380196	2013-02-19
D24124		METHODS AND ARRANGEMENTS					
P24124	110	IN A WIRELESS COMMUNICATION	~ D 4 h 1 T T	12/002100	2000 05 00	0000000	2012 12 10
FAM	US	SYSTEM PROFILE AND	GRANTED	12/602180	2008-05-09	8606288	2013-12-10
D2444C	The state of the s	DIVERSITY RECEIVERS AND					
P24146		METHODS FOR RELATIVELY	CRANTER	12/11/004	2000 02 24	0000450	2042.02.05
FAM	ŲS	DELAYED SIGNALS	GRANTED	12/415094	2009-03-31	8369459	2013-02-05
		RADIO BEARER SPECIFIC					
P24155		CHANNEL STATE FEEDBACK	CDALITED	42/524727	2007.00.37	0040055	2011 00 12
FAM	US	REPORTING	GRANTED	12/531727	2007-09-27	8018855	2011-09-13
P24262		A METHOD AND DEVICE FOR					
FAM	US	COMMUNICATIONS SYSTEM	GRANTED	12/665191	2008-06-10	8370696	2013-02-05
P24262		A METHOD AND DEVICE FOR					
FAM	US	COMMUNICATIONS SYSTEM	FILED	13/717753	2012-12-18		
		Service subscription associated					
P24267		with real time composition of	ĺ			1	
FAM	US	services	FILED	11/983866	2007-11-13		
		A DEVICE AND A METHOD FOR					
P24508		MULTIPLE NUMBERS FOR ONE					
FAM	US	USER	FILED	12/671128	2008-08-12		
		A method for establishing a local		ļ			
P24607		media connection in a			Lucian		
FAM	US	communication system	GRANTED	12/808523	2007-12-20	8266299	2012-09-11
		CELL RESELECTION BASED ON					
		USE OF RELATIVE THRESHOLDS IN					BOOM
P24645		A MOBILE TELECOMMUNICATION			1		
FAM	US	SYSTEM	FILED	12/676499	2008-05-19	<u> </u>	

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
P24825		Handling resources in a					
FAM	US	communications network	GRANTED	12/810397	2008-10-01	8538447	2013-09-17
		MEASURING PERFORMANCE OF	www.		2		
P24834		WIRELESS PACKET				and display of payors	
FAM	US	COMMUNICATION	GRANTED	12/058352	2008-03-28	8155145	2012-04-10
		PRESCHEDULED					
P24917		RETRANSMISSION FOR INITIAL					
FAM	US	ESTABLISHMENT	FILED	12/809499	2007-12-20		
		ADAPTIVE SCHEDULING FOR					
P25095		HALF-DUPLEX WIRELESS					
FAM	US	TERMINALS	GRANTED	12/255054	2008-10-21	8155032	2012-04-10
P25130		MANAGEMENT OF					
FAM	US	PERFORMANCE DATA	GRANTED	13/002370	2008-07-03	8442947	2013-05-14
		Method for transferring a					
		communication session in a	1]	
		telecommunications network					
P25209		from a first connection to a					
FAM	US	second connection	GRANTED	13/384315	2009-07-23	8,494 <i>,</i> 527	2013-07-23
P25355		Force arrangement for radio					
FAM	US	frequency filters	GRANTED	12/993570	2008-05-21	8633789	2014-01-21
P25356		SIGNALLING PROXY SYSTEM FOR					
FAM	US	A SWITCHING CENTER SERVER	FILED	12/808434	2008-11-14		
P25371		Method and Arrangement in a					
FAM	US	Telecommunication System	FILED	12/338469	2008-12-18		
P25425		IP MULTIMEDIA SUBSYSTEM					
FAM	US	REGISTRATION	FILED	12/811590	2009-01-08		
		METHODS AND ARRANGEMENTS		,			
		IN A WIRELESS					
		COMMUNICATIONS SYSTEM FOR					
		CONTROLLING THE TIMING OF A					
		USER EQUIPMENT ENTERING IN					
P25614		AN UPLINK TRANSMISSION				1	1
FAM	US	PROCEDURE	FILED	12/865867	2008-12-16		
		A PoC Server and a mobile					
		terminal comprising a PoC Client					
P25686		for providing PoC communication					
FAM	US	services	FILED	12/936439	2008-04-08		
P25950		DRX functionality in Multi-Carrier					
FAM	US	LTE	GRANTED	12/934207	2008-09-03	8526377	2013-09-03
P26098				,			
FAM	US	Hybrid Program Balancing	FILED	13/148308	2009-02-04		
		Virtual reality sound for		,			
P26124		advanced multi-media					
FAM	US	applications	GRANTED	12/189525	2008-08-11	8243970	2012-08-14
1 CMII		METHOD AND ARRANGEMENT IN	017,111,120	12,103323			2012 00 17
		A TELECOMMUNICATION SYSTEM		-		- Indiana	описом
		WITH SIGNALLING OF ASSIGNED				POR CONTRACTOR OF THE PORT OF	V received Contract
P26232		DATA PACKETS IN A BUNDLING					***
FAM	US	WINDOW	GRANTED	12/989994	2008-10-03	8477666	2013-07-02
I AUVI	0.3	A switch mode converter and a	OKANIED	12/ 303334	2000-10-03	5477000	2013-07-02
P26420		method of starting a switch mode					
	us	converter	FILED	12/997583	2009-06-05		
FAM	Lus	COLLACTED	LILED	12/33/303	£003-00-03	L	

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	US	SYSTEM	GRANTED	12/990502	2008-12-18	8223863	2012-07-17
		RESOURCE SELECTION FOR					
P26727		TRANSMISSION OF MULTIPLE					
FAM	US	ACK/NACK ON PUCCH CHANNEL	GRANTED	12/467086	2009-05-15	8379547	2013-02-19
		RESOURCE SELECTION FOR			The state of the s		
P26727		TRANSMISSION OF MULTIPLE					
FAM	US	ACK/NACK ON PUCCH CHANNEL	FILED	13/768019	2013-02-15		
P26775		QUEUE MANAGEMENT SYSTEM		, , , , , , , , , , , , , , , , , , , ,			
FAM	US	AND METHODS	GRANTED	12/368723	2009-02-10	8565249	2013-10-22
***************************************		Method and apparatus for					
P26826		reducing push-to-talk (PTT)					
FAM	US	latency in a WCDMA network	GRANTED	12/249566	2008-10-10	8175628	2012-05-08
P26881		SYSTEMS AND METHODS FOR		,			
FAM	US	FILTERING A SIGNAL	FILED	13/140223	2008-12-18		
P27163		A Method and Apparatus for					
FAM	US	Routing Data	FILED	13/140014	2008-12-19		
P27853							
FAM	US	IP multimedia service provision	FILED	13/148085	2009-02-10		
		System and method of detecting					
		a sleeping cell and remedying					
P28079		detected conditions in a					Ì
FAM	US	telecommunication network	GRANTED	12/472128	2009-05-26	8095075	2012-01-10
P28217		Supervision of LI and DR query	0.0	1 7 7 7 7 7 7 7	2005 05 20		2012 01 10
FAM	US	activities	FILED	13/259470	2009-04-22		
P28299				20,2021,0	2005 01 22		
FAM	US	Reducing switching noise	GRANTED	13/202847	2010-02-22	8582700	2013-11-12
P28318		tteadong switching noise	GIGGETED	13/202041	2010 02 22	0302700	2013 11 12
FAM	US	Performance measurement	GRANTED	12/558033	2009-09-11	8094579	2012-01-10
1731	- 03	A method and arrangement for	GIVAITIE	12/ 330033	2005.05.11	0054575	2012 01-10
P28370		estimating the quality					
FAM	US	degradation of a processed signal	FILED	13/321937	2009-06-04		
P28473	05	Reactive authorization for	71220	10,021001	2003 00 04		
FAM	US	publications	FILED	13/321593	2009-05-28		
P28513		Scheduling Information for Dual	11620		2003 03 20		
FAM	US	Cell HSUPA	FILED	12/729704	2010-03-23		
P28526				22//23/01	2010 03 23		
FAM	us	A coded power converter system	FILED	13/517431	2009-12-21		
P28777	03	A Coordinated Power Converter	11220		2003 12 21	1	
FAM	U\$	System	FILED	13/806122	2010-06-21		
P29475		METHODS AND ARRANGEMENTS	11220	13/000122	2020 00 21		
FAM	US	FOR MOBILITY MANAGEMENT	FILED	13/377661	2009-11-27	THE LABOR TO SERVICE STATE OF THE SERVICE STATE STATE OF THE SERVICE STATE OF THE SERVICE STATE STATE STATE STATE	
P29680		BIT SOFT VALUE	1122	10/3/7001	2003 11 2/	1	
FAM	US	NORMALIZATION	FILED	13/512357	2009-11-30		
P30072		Method and arrangement in a	+ + + + + + + + + + + + + + + + + + + +	10/01200/	2003-11-30		
FAM	US	wireless communication system	FILED	13/500174	2010-03-12		voi norma
P30137	03	Technique for Performing	TILLU	13/3001/4		-	
FAM	US	Physical Layer Measurements	FILED	13/512358	2010-11-25		
LMIAI	03	Methods and Apparatus for	IILLU	12/217220	2010-11-23		
D20004		Improved Reference Signal					
P30991	US	Correlation Characteristics	EILED	12/092212	2010 12 20		**************************************
FAM	US	Correlation Characteristics	FILED	12/982312	2010-12-30	<u> </u>	

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Reference	Country	Title	Status	App No.	App Date	Patent No.	Date
		Optimization of non-optimized				The state of the s	
224252		handoff from a first access					
P31060		technology to a second access		42/772456	2010 05 00	0550547	2040 40 00
FAM	US	technology	GRANTED	12/772456	2010-05-03	8553647	2013-10-08
P31201		REPORTING THE NUMBER OF					
FAM	US	ACTIVE BEARERS IN A RELAY	FILED	13/577494	2010-06-28		
P31211		Fast Dormancy Requests in					
FAM	US	Communication Systems	GRANTED	13/029395	2011-02-17	8441973	2013-05-14
		METHODS FOR HANDOFF OF AN	1			1	
		ACTIVE COMMUNICATION					
P31811		CONNECTION FROM A					
FAM	US	MACROCELL TO A FEMTOCELL	GRANTED	12/869317	2010-08-26	8483735	2013-07-09
P31958		Method And Arrangement For	***				OTH OF REASONS
FAM	US	Ranking Users	FILED	13/991443	2011-02-04		
		Method and Apparatus for					
		Limiting the Decoding Attempts		I I Description			
P32100		for an Early Frame Termination					
FAM	US	System	FILED	12/961077	2010-12-06		
		Method for Transmission of					
		Calling Party Number for a			1		
P32154		Tunneled CDMA Voice Call Page					
FAM	US	Utilizing GCSNA Protocol	FILED	12/980509	2010-12-29		
P32251		Randomization of Reduced					
FAM	US	Transmission Resources	FILED	13/163876	2011-06-20		
		CELLULAR NETWORK, BASE					
		STATION AND METHOD FOR					
P32272		SELF-OPTIMIZING TRANSMIT					
FAM	US	POWER TO USER EQUIPMENTS	FILED	12/948202	2010-11-17		
		GATEWAY ALLOCATION IN A					
P32304		MOBILE COMMUNICATION			7		
FAM	US	SYSTEM	FILED	13/979735	2011-01-20		
		Fast Round-Trip Delay Delivery of					
P32322		Datagrams over a Wireless					
FAM	US	Network	FILED	12/916947	2010-11-01		
P32782		Determining neighbor lists and		· · · · · · · · · · · · · · · · · · ·			
FAM	US	PN offsets for new sector	GRANTED	12/980542	2010-12-29	8514736	2013-08-20
		Quality of service handling in a					
P33247		S4-serving general packet radio					
FAM	US	service support node	GRANTED	13/301817	2011-11-22	8204062	2012-06-19
P33613		CODE ALLOCATION FOR UPLINK					
FAM	us	MIMO	FILED	13/376744	2011-11-30	1	
1 PAIVI		METHODS AND ARRANGEMENTS			1 -011 11 30		
		FOR HANDLING AN					
		IDENTIFICATION OF AN					
P34185		AVAILABLE COVERAGE IN A					
FAM	US	CELLULAR NETWORK	FILED	14/124056	2011-06-30		a. Company
P34503	- 33	METHOD AND BASE STATION IN	11650	1-7 12-7030	2011-00-30		
	US	A TELECOMMUNICATION SYSTEM	FILED	13/634491	2012-05-03		Name of the state
FAM	03		LILLU	13/034471	2012-03-03		
D24E00		METHOD AND NETWORK NODE					
P34580	Lic	IN A WIRELESS COMMUNICATION	FILED	14/122493	2011-09-26		
FAM	US	SYSTEM	LIFED	14/142493	70TT-03-70	<u> </u>	<u> </u>

Reference	Country	Title	Status	App No.	App Date	Patent No.	Patent Date
	-	METHOD FOR SIGNALLING					
		HYBRID AUTOMATIC REPEAT				1	
P35478	1	REQUEST (HARQ)					
FAM	US	CONFIGURATION	FILED	13/696356	2012-09-27		
		A Method and Apparatus for					
P06197		Locating a Digital Control Channel					
FAM	VE	in a Radiocommunication System	FILED	167594	1994-11-01		
P07039		Device and method for a radio					
FAM	VE	transmitter	GRANTED	1252/97	1997-06-27	58370	2001-01-19
		Fast Round-Trip Delay Delivery of					
P32322		Datagrams over a Wireless		PCT/IB2011/0			
FAM	wo	Network	FILED	54100	2011-09-19		
P33411		Unestablished communication		PCT/EP2011/			
FAM	wo	links in communication systems	FILED	074156	2011-12-28		
P33980				PCT/EP2011/			
FAM	WO	HANDOVER RESTRICTION	FILED	072430	2011-12-12		
		METHOD AND NETWORK NODE					
P34580		IN A WIRELESS COMMUNICATION		PCT/SE2011/			
FAM	wo	SYSTEM	FILED	051143	2011-09-26		
		METHOD FOR SIGNALLING					
		HYBRID AUTOMATIC REPEAT		10.00			
P35478		REQUEST (HARQ)		PCT/SE2012/			
FAM	WO	CONFIGURATION	FILED	051024	2012-09-27		
		REFERENCE SIGNAL DESIGN FOR					
P37069		SPECIAL SUBFRAME	1	PCT/SE2012/			
FAM	wo	CONFIGURATIONS	FILED	050963	2012-09-13		
P37539		NOISE POWER ESTIMATION		PCT/CN2012/			
FAM	WO	METHOD AND APPARATUS	FILED	001286	2012-09-20		
P09314		Random access in a mobile					
FAM	ZA	telecommunications system	GRANTED	2000/6122	1999-05-07	2000/6122	2001-12-24
		Multipoint Data Synchronization					
P11334		Protocol to Avoid Data]				
FAM	ZA	Corruption	GRANTED	2001/6363	2000-02-07	2001/6363	2002-10-30
P17539		Middleware Application					
FAM	ZA	Environment; epetkla	GRANTED	2005/02864	2003-09-22	2005/02864	2006-10-06
P18466	ſ	Fast Soft Value Computation					
FAM	ZA	Methods for Gray-Mapped QAM	GRANTED	2006/05062	2004-12-20	2006/05062	2008-02-27
		CONFIGURABLE, VARIABLE GAIN					
P23153		LNA FOR MULTI-BAND RF					
FAM	ZA	RECEIVER	GRANTED	2009/08276	2008-05-23	2009/08276	2011-02-23
		Method for transferring a					
		communication session in a			ļ		
		telecommunications network					
P25209		from a first connection to a					}
FAM	ZA	second connection	GRANTED	2011/09433	2009-07-23	2011/09433	2013-02-27
		METHOD AND ARRANGEMENT IN					
P26440		A CELLULAR COMMUNICATIONS					
FAM	ZA	SYSTEM	GRANTED	2010/08047	2008-12-18	2010/08047	2012-02-29

79