

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7368843

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	STMICROELECTRONICS S.R.L.	05/30/2022
RECEIVING PARTY DATA		
Name:	STMICROELECTRONICS INTERNATIONAL N.V.	
Street Address:	CHEMIN DU CHAMP-DES-FILLES 39	
Internal Address:	1228 PLAN-LES-OUATES	
City:	GENEVA	
State/Country:	SWITZERLAND	
PROPERTY NUMBERS Total: 199		
Property Type	Number	
Patent Number:	9823304	
Patent Number:	10288682	
Patent Number:	9032120	
Patent Number:	9096421	
Patent Number:	9158991	
Patent Number:	9011776	
Patent Number:	9843762	
Patent Number:	9299610	
Patent Number:	9239379	
Patent Number:	9202951	
Patent Number:	9256027	
Patent Number:	9187310	
Patent Number:	9257250	
Patent Number:	9706298	
Patent Number:	9245200	
Patent Number:	9083250	
Patent Number:	9286382	
Patent Number:	9606085	
Patent Number:	10330640	
Patent Number:	10876999	

PATENT

Property Type	Number
Patent Number:	9160236
Patent Number:	9698688
Patent Number:	9600744
Patent Number:	9464952
Patent Number:	9569695
Patent Number:	9917886
Patent Number:	10062668
Patent Number:	9318516
Patent Number:	9698295
Patent Number:	9255782
Patent Number:	9327962
Patent Number:	9815687
Patent Number:	10280070
Patent Number:	10457545
Patent Number:	8998388
Patent Number:	9822001
Patent Number:	9501713
Patent Number:	9209385
Patent Number:	9391551
Patent Number:	10445613
Patent Number:	9571398
Patent Number:	9986240
Patent Number:	9752944
Patent Number:	10215652
Patent Number:	9226079
Patent Number:	9332354
Patent Number:	9887165
Patent Number:	10964646
Patent Number:	9640506
Patent Number:	10075680
Patent Number:	9324627
Patent Number:	9321628
Patent Number:	8978483
Patent Number:	9385639
Patent Number:	9233834
Patent Number:	9976914
Patent Number:	10682645
Patent Number:	9321626

Property Type	Number
Patent Number:	9099190
Patent Number:	9726587
Patent Number:	10598578
Patent Number:	9461558
Patent Number:	9154030
Patent Number:	9209763
Patent Number:	9018984
Patent Number:	8872682
Patent Number:	9454215
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Patent Number:	9461504
Patent Number:	9954394
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Patent Number:	9451257
Patent Number:	9544573
Patent Number:	9835850
Patent Number:	10288874
Patent Number:	8947150
Patent Number:	9575092
Patent Number:	10254332
Patent Number:	9448071
Patent Number:	9829319
Patent Number:	9146109
Patent Number:	9329649
Patent Number:	9784581
Patent Number:	10480944
Patent Number:	9568566
Patent Number:	9513310

Property Type	Number
Patent Number:	9766304
Patent Number:	9294030
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Patent Number:	9123753
Patent Number:	9305907
Patent Number:	9959226
Patent Number:	10579561

Property Type	Number
Patent Number:	9471521
Patent Number:	9237644
Patent Number:	9615444
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Patent Number:	10620914
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Patent Number:	9527726
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Patent Number:	9324838
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Patent Number:	10297677
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Patent Number:	9258139
Patent Number:	9436193
Patent Number:	9231597
Patent Number:	8981834
Patent Number:	10178313
Patent Number:	9099305
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Patent Number:	9910503
Patent Number:	10551934
Patent Number:	9202002
Patent Number:	10019399
Patent Number:	9223329
Patent Number:	9299873
Patent Number:	9899557
Patent Number:	9183644
Patent Number:	10540277
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Patent Number:	10419432
Patent Number:	9983169
Patent Number:	10753904
Patent Number:	10197189
Patent Number:	9225696

Property Type	Number
Patent Number:	9165237
Patent Number:	9446943
Patent Number:	9244067
Patent Number:	9823210
Patent Number:	9910005
Patent Number:	9012259
Patent Number:	9099529
Patent Number:	9014508
Patent Number:	9020276
Patent Number:	8912837
Patent Number:	9008155
Patent Number:	9588075
Patent Number:	9523566
Patent Number:	9236839
Patent Number:	9696363
Patent Number:	9939481
Patent Number:	10352980
Patent Number:	8907729
Patent Number:	8981853
Patent Number:	9229250
Patent Number:	8989601
Patent Number:	8976151
Patent Number:	9523725
Patent Number:	9128573
Patent Number:	9389256
Patent Number:	9235300
Patent Number:	8854765

CORRESPONDENCE DATA

Fax Number: (972)466-7044

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9724667280

Email: angie.rodriguez@st.com

Correspondent Name: STMICROELECTRONICS, INC.

Address Line 1: 750 CANYON DRIVE, SUITE 300

Address Line 4: COPPELL, TEXAS 75019

ATTORNEY DOCKET NUMBER: ST SRL TO STI ASSIGNMENT

NAME OF SUBMITTER: PATRICK C. R. HOLMES

SIGNATURE:	/PATRICK C. R. HOLMES/
DATE SIGNED:	06/06/2022

Total Attachments: 39

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ASSIGNMENT

Assignor:	STMICROELECTRONICS S.R.L.
Assignor being a company, corporation, or juristic entity of:	Italy
Assignor's principal place of business:	Via C. Olivetti 2, Agrate Brianza (MB) Italy 20864

Assignee:	STMICROELECTRONICS INTERNATIONAL N.V.
Assignee being a company, corporation, or juristic entity of:	Netherlands
Assignee's principal place of business:	Chemin du Champ-des-Filles 39 1228 Plan-les-Ouates Geneva, Switzerland

WHEREAS, Assignor was assigned certain rights in and to certain inventions, and applications for the Application(s)/Patent(s) listed in the attached Exhibit A; and

WHEREAS, Assignee is desirous of acquiring the entire right, title, and interest in and to the inventions and the application for Application(s)/Patent(s) listed in the attached Exhibit A, and in and to any patent to be obtained therefor and thereon worldwide.

NOW, THEREFORE, for and in consideration of good and valuable consideration, the receipt, sufficiency, and adequacy of which are hereby acknowledged, Assignor hereby transfers and assigns to Assignee, all of Assignor's rights, title, and interest in and to the following:

(a) the Application(s)/Patent(s) listed in the attached Exhibit A together with the inventions for which the Application(s)/Patent(s) listed in the attached Exhibit A is/was (are/were) made and describes (collectively "the Patent Rights");

(b) all provisional applications, patent applications, patents, or other similar governmental grants or issuances, in any jurisdiction in the world, (i) from which the Patent Rights directly or indirectly claims priority and/or (ii) for which the Patent Rights directly or indirectly forms a basis for priority;

(c) any continuations, continuations-in-part, continuing prosecution applications, requests for continuing examinations, divisionals, reissues, reexaminations, extensions, and registrations, in any jurisdiction in the world, of any provisional patent application, patent application, patent, or other governmental grant or issuance set forth in clauses (a) and/or (b) (clauses (a) through (c), collectively the "Assigned Patent Rights");

(d) any causes of action (whether currently pending, filed, or otherwise) and all other enforcement rights and rights to remedies under, on account of, or related to, any of the Assigned Patent Rights, including, without limitation, all causes of action and other

enforcement rights for (i) damages, (ii) injunctive relief, and (iii) other remedies of any kind for past, current, and future infringement or misappropriation in violation of rights, and all rights to sue for any of the foregoing; and

(e) any and all other rights and interests in any jurisdiction in the world arising out of the Assigned Patent Rights, including, but not limited to, any right to claim priority thereto and/or therefrom.

All of the rights, title, and interest assigned above shall be held and enjoyed by the Assignee for its own use and enjoyment and for the use and enjoyment of its successors and assigns to the full end of the applicable term for which the aforementioned rights may be granted in any jurisdiction in the world.

Assignor hereby further agrees to assist in, sign, and execute all documents needed or desired, now or in the future, to perfect, obtain, and secure the aforementioned rights to Assignee and its successors for any jurisdiction in the world. At the expense of Assignee or its successors, Assignor agree to assist in any legal proceedings, sign all lawful papers, make all lawful oaths, and generally do everything possible to aid Assignee and its affiliates or their successors, as well as their legal representatives, to enforce the aforementioned rights in any jurisdiction in the world.

Assignor hereby grant Assignee, along with the following Assignee representatives, the power to insert in this Assignment any further identification that may be necessary or desirable in order to comply with the rules for recordation of this document in any jurisdiction in the world: All practitioners at USPTO Customer Number 28899.

If part or all of Assignor's rights, title, and interest arising out of the Assigned Patent Rights are already owned by Assignee, or its successor(s)/predecessor(s), because (i) Assignor is or was already subject to an obligation to assign such rights, title, and interest to Assignee, or its successor(s)/predecessor(s), by an agreement, company policy, applicable law, or otherwise, and/or (ii) such rights, title, and interest have already been assigned by operation of law to Assignee, or its successor(s)/predecessor(s), in accordance with applicable law, and/or (iii) such rights, title, and interest were, from their inception, automatically owned by Assignee, or its successor(s)/predecessor(s), under applicable law, then this document further memorializes, documents, and confirms such prior ownership by Assignee, or its successor(s)/predecessor(s), of such rights, title, and interest for all purposes, including for recording purposes in any jurisdiction in the world.

Assignor and Assignee confirm and agree that a notarized and/or legalized translation copy of this document in any other language shall have the same force and effect in any jurisdiction in the world as if such translation copy were an original thereof.

The signatures of all the signers need not appear on the same page, and each signer may sign this Assignment in multiple counterparts, such that collectively all the necessary signatures of each separately signed counterpart of this Assignment constitutes an original Assignment. A paper or electronic copy of a signature page shall have the same force and effect as if such copy were an original thereof.

Assignor
STMICROELECTRONICS S.R.L.


Signature: 

Print Name: ORIO BUEZZA

Title: MANAGING DIRECTOR

Date: MAY 30th, 2022

Acknowledged and accepted by:
Assignee
STMICROELECTRONICS INTERNATIONAL N.V.

Signature: 

Print Name: Patrick C. R. Holmes

Title: Attorney-in-Fact

Date: JUNE 6, 2022

EXHIBIT A

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Italy	TO2015A000236	1429903	INTEGRATED ELECTRONIC DEVICE HAVING A TEST ARCHITECTURE AND TEST METHOD THEREOF
United States of America	14958093	9823304	INTEGRATED ELECTRONIC DEVICE HAVING A TEST ARCHITECTURE, AND TEST METHOD THEREOF
United States of America	15813000	10288682	INTEGRATED ELECTRONIC DEVICE HAVING A TEST ARCHITECTURE AND TEST METHOD THEREOF
Italy	MI2012A001800	1414010	DEVICE AND METHOD FOR WRITING/READING A MEMORY REGISTER SHARED BY A PLURALITY OF PERIPHERALS
United States of America	14061256	9032120	DEVICE AND METHOD FOR WRITING/READING A MEMORY REGISTER SHARED BY A PLURALITY OF PERIPHERALS
Italy	TO2012A000623	1412852	STACKED ASSEMBLY OF A MEMS INTEGRATED DEVICE HAVING A REDUCED THICKNESS
United States of America	13922577	9096421	STACKED ASSEMBLY OF A MEMS INTEGRATED DEVICE HAVING A REDUCED THICKNESS
Italy	VI2012A000041	1409886	IMAGE FEATURE DETECTION
United States of America	13773847	9158991	IMAGE-FEATURE DETECTION
China	201310361495.6	ZL201310361495.6	PACKAGED DEVICE EXPOSED TO ENVIRONMENTAL AIR AND LIQUIDS AND MANUFACTURING METHOD THEREOF
China	201320509477.3	ZL201320509477.3	PACKAGED DEVICE
European Patent	13182526.7		PACKAGED DEVICE EXPOSED TO ENVIRONMENTAL AIR AND LIQUIDS AND MANUFACTURING METHOD THEREOF
Italy	TO2012A000753		PACKAGED DEVICE EXPOSED TO ENVIRONMENTAL AIR AND LIQUIDS AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			MANUFACTURING METHOD THEREOF
United States of America	14013730	9011776	PACKAGED DEVICE EXPOSED TO ENVIRONMENTAL AIR AND LIQUIDS AND MANUFACTURING METHOD THEREOF
Italy	MI2012A000831		IMAGE DISPLAY SYSTEM FOR CALIBRATING A SOUND PROJECTOR
United States of America	13891000	9843762	IMAGE DISPLAY SYSTEM FOR CALIBRATING A SOUND PROJECTOR
Italy	MI2012A001244	1412914	TRANSISTOR WITH SELF-ALIGNED CONTACT TERMINAL
United States of America	13944727		TRANSISTOR WITH SELF-ALIGNED TERMINAL CONTACTS
United States of America	14714738	9299610	METHOD FOR MANUFACTURING A TRANSISTOR WITH SELF-ALIGNED TERMINAL CONTACTS
Italy	TO2012A000417	1411622	EFFICIENT RADAR ACQUISITION AND TRACKING ARCHITECTURE
United States of America	13888025	9239379	METHOD AND DEVICES FOR PROCESSING RADAR SIGNALS
China	201380032245.6	ZL201380032245.6	INTEGRATED OPTOELECTRONIC DEVICE WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
China	201410844544.6	ZL201410844544.6	INTEGRATED OPTOELECTRONIC DEVICE AND SYSTEM WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
China	201420860754.X	ZL201420860754.X	INTEGRATED OPTOELECTRONIC DEVICE AND OPTOELECTRONIC SYSTEM
Germany	11 2013 003 336.4		INTEGRATED OPTOELECTRONIC DEVICE WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Germany	10 2014 119 717.8	10 2014 119 717.8	INTEGRATED OPTOELECTRONIC DEVICE AND SYSTEM WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
Italy	TO2012A000583	1412718	INTEGRATED OPTOELECTRONIC DEVICE WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
United States of America	13933858	9202951	INTEGRATED OPTOELECTRONIC DEVICE AND SYSTEM WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
United States of America	14145807	9256027	INTEGRATED OPTOELECTRONIC DEVICE AND SYSTEM WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
Patent Cooperation Treaty	PCT/IB2013/055430		INTEGRATED OPTOELECTRONIC DEVICE WITH WAVEGUIDE AND MANUFACTURING PROCESS THEREOF
China	201310444539.1	ZL201310444539.1	WAFER-LEVEL PACKAGING OF A MEMS INTEGRATED DEVICE AND RELATED MANUFACTURING PROCESS
China	201320593770.2	ZL201320593770.2	A PACKAGE FOR A MEMS INTEGRATED DEVICE AND ELECTRONIC APPARATUS
Italy	TO2012A000827		WAFER LEVEL PACKAGING OF A MEMS INTEGRATED DEVICE AND RELATED MANUFACTURING PROCESS
United States of America	14030867	9187310	WAFER-LEVEL PACKAGING OF A MEMS INTEGRATED DEVICE AND RELATED MANUFACTURING PROCESS
Italy	TO2012A001027		MAGNETIC RELAY DEVICE MADE USING MEMS OR NEMS TECHNOLOGY
United States of America	14062698	9257250	MAGNETIC RELAY DEVICE MADE USING MEMS OR NEMS TECHNOLOGY

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Italy	VI2013A000001		METHOD AND APPARATUS FOR LOCALIZATION OF AN ACOUSTIC SOURCE AND ACOUSTIC BEAMFORMING
United States of America	14150455	9706298	METHOD AND APPARATUS FOR LOCALIZATION OF AN ACOUSTIC SOURCE AND ACOUSTIC BEAMFORMING
Italy	VI2012A000303		METHOD FOR DETECTING A STRAIGHT LINE IN A DIGITAL IMAGE
United States of America	14068437	9245200	METHOD FOR DETECTING A STRAIGHT LINE IN A DIGITAL IMAGE
Italy	MI2012A001325		METHOD AND CIRCUIT FOR CONTROLLING A SWITCHING REGULATOR
United States of America	13951259	9083250	METHOD AND CIRCUIT FOR CONTROLLING A SWITCHING REGULATOR
Italy	MI2012A001617	1413615	METHOD AND SYSTEM FOR SIMULTANEOUS PLAYBACK OF AUDIO TRACKS FROM A PLURALITY OF DIGITAL DEVICES
United States of America	14038377	9286382	METHOD AND SYSTEM FOR SIMULTANEOUS PLAYBACK OF AUDIO TRACKS FROM A PLURALITY OF DIGITAL DEVICES
China	201310454033.9	ZL201310454033.9	BLOCK MADE OF A BUILDING MATERIAL
China	201320602619.0	ZL201320602619.0	BLOCK MADE OF A BUILDING MATERIAL
China	201810588077.3	ZL201810588077.3	BLOCK MADE OF A BUILDING MATERIAL
Italy	MI2012A001595	1413453	BLOCK MADE OF A BUILDING MATERIAL
United States of America	14027940	9606085	BLOCK MADE OF A BUILDING MATERIAL
United States of America	15426747	10330640	BLOCK MADE OF A BUILDING MATERIAL
United States of America	16415973	10876999	BLOCK MADE OF A BUILDING MATERIAL
Italy	MI2012A001231	MI2012A001231	BURST-MODE CONTROL METHOD FOR LOW INPUT POWER CONSUMPTION IN

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			RESONANT CONVERTERS AND RELATED CONTROL DEVICE
United States of America	13931564	9160236	BURST-MODE CONTROL METHOD FOR LOW INPUT POWER CONSUMPTION IN RESONANT CONVERTERS AND RELATED CONTROL DEVICE
United States of America	14846389	9698688	BURST-MODE CONTROL METHOD FOR LOW INPUT POWER CONSUMPTION IN RESONANT CONVERTERS AND RELATED CONTROL DEVICE
United States of America	61637529		ADAPTIVE INTEREST RATE CONTROL FOR VISUAL SEARCH
United States of America	13869652	9600744	ADAPTIVE INTEREST RATE CONTROL FOR VISUAL SEARCH
Italy	MI2012A002241	1415662	INTEGRATED ELECTRONIC DEVICE FOR MONITORING MECHANICAL STRESS WITHIN A SOLID STRUCTURE
United States of America	14108951	9464952	INTEGRATED ELECTRONIC DEVICE FOR MONITORING MECHANICAL STRESS WITHIN A SOLID STRUCTURE
United States of America	61637543		ADAPTIVE SEARCH WINDOW CONTROL FOR VISUAL SEARCH
United States of America	13869656	9569695	ADAPTIVE SEARCH WINDOW CONTROL FOR VISUAL SEARCH
Italy	TO2013A000230		METHOD FOR DISTRIBUTING INFORMATION CONTENTS, CORRESPONDING DEVICE AND COMPUTER PROGRAM PRODUCT
United States of America	14222770	9917886	METHOD FOR DISTRIBUTING INFORMATION CONTENTS, CORRESPONDING DEVICE AND COMPUTER PROGRAM PRODUCT
Italy	102016000067073		SEMICONDUCTOR ELECTRONIC DEVICE WITH IMPROVED TESTING FEATURES AND CORRESPONDING PACKAGING METHOD
United States of America	15368159	10062668	SEMICONDUCTOR ELECTRONIC DEVICE WITH IMPROVED TESTING FEATURES

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			AND CORRESPONDING PACKAGING METHOD
Italy	TO2012A000584	1412719	HIGH-FREQUENCY OPTOELECTRONIC DETECTOR
United States of America	13933898	9318516	HIGH-FREQUENCY OPTOELECTRONIC DETECTOR, SYSTEM AND METHOD
United States of America	15071525	9698295	HIGH-FREQUENCY OPTOELECTRONIC DETECTOR, SYSTEM AND METHOD
Italy	TO2012A000758		MEMS DEVICE INCLUDING A MOBILE ELEMENT AND A RESISTIVE SENSOR, AND METHOD FOR GENERATING A SIGNAL INDICATING THE POSITION OF THE MOBILE ELEMENT
United States of America	13975565	9255782	MEMS DEVICE INCLUDING A MOBILE ELEMENT AND A RESISTIVE SENSOR, AND METHOD FOR GENERATING A SIGNAL INDICATING THE POSITION OF THE MOBILE ELEMENT
Italy	TO2013A000174	1416704	MEMS DEVICE AND RELATED MICROMECHANICAL STRUCTURE WITH INTEGRATED COMPENSATION OF THERMO-MECHANICAL DEFORMATIONS
United States of America	14189774	9327962	MEMS DEVICE AND CORRESPONDING MICROMECHANICAL STRUCTURE WITH INTEGRATED COMPENSATION OF THERMO-MECHANICAL STRESS
United States of America	15085901	9815687	MEMS DEVICE AND CORRESPONDING MICROMECHANICAL STRUCTURE WITH INTEGRATED COMPENSATION OF THERMO-MECHANICAL DEFORMATIONS
United States of America	14871322	10280070	MAGNETIC INERTIAL SENSOR ENERGY HARVESTING AND SCAVENGING METHODS, CIRCUITS AND SYSTEMS

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	16361739	10457545	MAGNETIC INERTIAL SENSOR ENERGY HARVESTING AND SCAVENGING METHODS, CIRCUITS AND SYSTEMS
Italy	TO2013A000312	1417578	METHOD FOR MANUFACTURING A FLUID EJECTION DEVICE AND FLUID EJECTION DEVICE
United States of America	14253276	8998388	METHOD FOR MANUFACTURING A FLUID EJECTION DEVICE AND FLUID EJECTION DEVICE
China	201310558051.1	ZL201310558051.1	PROCESS FOR MANUFACTURING A LID FOR AN ELECTRONIC DEVICE PACKAGE AND LID FOR AN ELECTRONIC DEVICE PACKAGE
China	201320707944.3	ZL201320707944.3	LID FOR AN ELECTRONIC DEVICE PACKAGE, ENCAPSULATED MICRO-ELECTROMECHANICAL DEVICE, AND ELECTRONIC SYSTEM
Italy	TO2012A000976	1414759	PROCESS FOR MANUFACTURING A LID FOR AN ELECTRONIC DEVICE PACKAGE AND LID FOR AN ELECTRONIC DEVICE PACKAGE
United States of America	14067402	9822001	PROCESS FOR MANUFACTURING A LID FOR AN ELECTRONIC DEVICE PACKAGE AND LID FOR AN ELECTRONIC DEVICE PACKAGE
Italy	TO2013A000835	0001422466	A METHOD OF PRODUCING COMPACT DESCRIPTORS FROM INTEREST POINTS OF DIGITAL IMAGES, CORRESPONDING SYSTEM, APPARATUS AND COMPUTER PROGRAM PRODUCT
United States of America	14516310	9501713	METHOD OF PRODUCING COMPACT DESCRIPTORS FROM INTEREST POINTS OF DIGITAL IMAGES, CORRESPONDING SYSTEM, APPARATUS AND COMPUTER PROGRAM PRODUCT

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Italy	TO2013A000086		MAGNETIC SENSOR INTEGRATED IN A CHIP FOR DETECTING MAGNETIC FIELDS PERPENDICULAR TO THE CHIP AND MANUFACTURING PROCESS THEREOF
United States of America	14168754	9209385	MAGNETIC SENSOR INTEGRATED IN A CHIP FOR DETECTING MAGNETIC FIELDS PERPENDICULAR TO THE CHIP AND MANUFACTURING PROCESS THEREOF
Italy	MI2013A001082		APPARATUS TO DETECT THE ZERO-CROSS OF THE BEMF OF A THREE-PHASE ELECTRIC MOTOR AND RELATED METHOD
United States of America	14307643	9391551	APPARATUS TO DETECT THE ZERO-CROSS OF THE BEMF OF A THREE-PHASE ELECTRIC MOTOR AND RELATED METHOD
Italy	TO2012A000985		PROCEDURES FOR ENCODING AND DECODING DIGITAL VIDEO FRAME STREAMS, RELATED COMPUTER SYSTEMS AND PRODUCTS
United States of America	14052207	10445613	METHOD, APPARATUS, AND COMPUTER READABLE DEVICE FOR ENCODING AND DECODING OF IMAGES USING PAIRS OF DESCRIPTORS AND ORIENTATION HISTOGRAMS REPRESENTING THEIR RESPECTIVE POINTS OF INTEREST
Italy	TO2012A000986	1415577	METHOD FOR EXTRACTING FEATURES FROM A FLOW OF DIGITAL VIDEO FRAMES, AND CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
United States of America	14080080	9571398	METHOD FOR EXTRACTING FEATURES FROM A FLOW OF DIGITAL VIDEO FRAMES, AND CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	15395405	9986240	METHOD FOR EXTRACTING FEATURES FROM A FLOW OF DIGITAL VIDEO FRAMES, AND CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
Italy	TO2014A000193	1424923	MICROELECTROMECHANICAL SENSING STRUCTURE FOR A PRESSURE SENSOR INCLUDING A DEFORMABLE TEST STRUCTURE
United States of America	14656391	9752944	MICROELECTROMECHANICAL SENSING STRUCTURE FOR A PRESSURE SENSOR INCLUDING A DEFORMABLE TEST STRUCTURE
United States of America	15475924	10215652	MICROELECTROMECHANICAL SENSING STRUCTURE FOR A PRESSURE SENSOR INCLUDING A DEFORMABLE TEST STRUCTURE
Italy	TO2013A000225	1416924	MICROELECTROMECHANICAL SENSING STRUCTURE FOR A CAPACITIVE ACOUSTIC TRANSDUCER INCLUDING AN ELEMENT LIMITING THE OSCILLATIONS OF A MEMBRANE, AND MANUFACTURING METHOD THEREOF
United States of America	14220985	9226079	MICROELECTROMECHANICAL SENSING STRUCTURE FOR A CAPACITIVE ACOUSTIC TRANSDUCER INCLUDING AN ELEMENT LIMITING THE OSCILLATIONS OF A MEMBRANE, AND MANUFACTURING METHOD THEREOF
Italy	TO2013A000313	1417579	IMPROVED MICROMECHANICAL DETECTION STRUCTURE FOR A MEMS ACOUSTIC TRANSDUCER AND CORRESPONDING MANUFACTURING PROCESS
United States of America	14254511	9332354	MICROMECHANICAL DETECTION STRUCTURE FOR A MEMS ACOUSTIC TRANSDUCER AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			CORRESPONDING MANUFACTURING PROCESS
China	201510824999.6	ZL201510824999.6	IC WITH INSULATING TRENCH AND RELATED METHODS
China	201520946134.2	ZL201520946134.2	INTEGRATED CIRCUIT
China	201810234290.4	ZL201810234290.4	IC WITH INSULATING TRENCH AND RELATED METHODS
Italy	102015000080586	102015000080586	IC WITH INSULATING TRENCH AND RELATED METHODS
United States of America	14565934	9887165	IC WITH INSULATING TRENCH AND RELATED METHODS
United States of America	15854456	10964646	IC WITH INSULATING TRENCH AND RELATED METHODS
Italy	MI2013A000473		METHOD FOR MANUFACTURING ELECTRONIC DEVICES
United States of America	14228370	9640506	METHOD FOR MANUFACTURING ELECTRONIC DEVICES
United States of America	14977211		METHOD FOR MANUFACTURING ELECTRONIC DEVICES
Italy	TO2013A000529		VIDEO-SURVEILLANCE METHOD, CORRESPONDING SYSTEM, AND COMPUTER PROGRAM PRODUCT
United States of America	14306276	10075680	VIDEO-SURVEILLANCE METHOD, CORRESPONDING SYSTEM, AND COMPUTER PROGRAM PRODUCT
Italy	MI2013A000654		ELECTRONIC ASSEMBLY FOR MOUNTING ON ELECTRONIC BOARD
United States of America	14258818	9324627	ELECTRONIC ASSEMBLY FOR MOUNTING ON ELECTRONIC BOARD
China	201410314175.X	ZL201410314175.X	MEMS DEVICE INCORPORATING A FLUIDIC PATH, AND MANUFACTURING PROCESS THEREOF
China	201420365209.3	ZL201420365209.3	MEMS DEVICE INCORPORATING A FLUIDIC PATH
Italy	TO2013A000539	1418293	MEMS DEVICE INCORPORATING A FLUIDIC PATH, AND MANUFACTURING PROCESS THEREOF

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	14316583	9321628	MEMS DEVICE INCORPORATING A FLUIDIC PATH, AND MANUFACTURING PROCESS THEREOF
Italy	MI2012A002240	1415661	INTEGRATED ELECTRONIC DEVICE FOR DETECTING A LOCAL PARAMETER RELATED TO A FORCE EXPERIENCED IN A PREDETERMINED DIRECTION, WITHIN A SOLID STRUCTURE
United States of America	14108688	8978483	INTEGRATED ELECTRONIC DEVICE FOR DETECTING A LOCAL PARAMETER RELATED TO A FORCE EXPERIENCED IN A PREDETERMINED DIRECTION, WITHIN A SOLID STRUCTURE
Italy	MI2013A000860		SWITCHING CONTROLLER FOR ELECTRIC MOTORS AND RELATED METHOD OF CONTROLLING ELECTRIC MOTORS
United States of America	14284636	9385639	SWITCHING CONTROLLER FOR ELECTRIC MOTORS AND RELATED METHOD OF CONTROLLING ELECTRIC MOTORS
Italy	TO2013A000540	1418294	MEMS DEVICE HAVING A SUSPENDED DIAPHRAGM AND MANUFACTURING PROCESS THEREOF
United States of America	14316504	9233834	MEMS DEVICE HAVING A SUSPENDED DIAPHRAGM AND MANUFACTURING PROCESS THEREOF
Italy	TO2013A000502	1418487	ELECTRONIC DEVICE WITH INTEGRATED TEMPERATURE SENSOR AND MANUFACTURING METHOD THEREOF
United States of America	14308470	9976914	ELECTRONIC DEVICE WITH INTEGRATED TEMPERATURE SENSOR AND MANUFACTURING METHOD THEREOF
United States of America	15960509	10682645	ELECTRONIC DEVICE WITH INTEGRATED TEMPERATURE SENSOR AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			MANUFACTURING METHOD THEREOF
Italy	TO2013A000247	1417562	METHOD OF PACKAGING A MEMS TRANSDUCER DEVICE AND PACKAGED MEMS TRANSDUCER DEVICE
United States of America	14224861	9321626	METHOD OF PACKAGING A MEMS TRANSDUCER DEVICE AND PACKAGED MEMS TRANSDUCER DEVICE
Italy	MI2013A001060		NON-VOLATILE MEMORY DEVICE WITH IMPROVED READING CIRCUIT
United States of America	14305482	9099190	NON-VOLATILE MEMORY DEVICE WITH IMPROVED READING CIRCUIT
China	201510850232.0	ZL201510850232.0	TENSILE STRESS MEASUREMENT DEVICE WITH ATTACHMENT PLATES AND RELATED METHODS
China	201520967108.8	ZL201520967108.8	TENSILE STRESS MEASUREMENT DEVICE
Italy	102015000084130	102015000084130	TENSILE STRESS MEASUREMENT DEVICE WITH ATTACHMENT PLATES AND RELATED METHODS
United States of America	14610068	9726587	TENSILE STRESS MEASUREMENT DEVICE WITH ATTACHMENT PLATES AND RELATED METHODS
United States of America	15650380	10598578	TENSILE STRESS MEASUREMENT DEVICE WITH ATTACHMENT PLATES AND RELATED METHODS
Italy	MI2012A000088	1409963	CONTROL DEVICE OF A SWITCHING POWER SUPPLY
United States of America	13749533	9461558	CONTROL DEVICE OF A SWITCHING POWER SUPPLY
Italy	MI2012A000089	1409964	CONTROL DEVICE OF A SWITCHING POWER SUPPLY
United States of America	13749539	9154030	CONTROL DEVICE OF A SWITCHING POWER SUPPLY
Italy	TO2012A000919	1413839	POWER SUPPLY ADJUSTMENT CIRCUIT AND METHOD FOR AN ENERGY SCAVENGING
United States of America	14052495	9209763	CIRCUIT AND METHOD FOR ADJUSTING THE ELECTRIC POWER SUPPLY OF AN

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			ENERGY-SCAVENGING SYSTEM
Italy	MI2013A000143		DRIVER FOR HIGH SPEED ELECTRICAL-OPTICAL MODULATOR INTERFACE
United States of America	14160921	9018984	DRIVER FOR HIGH SPEED ELECTRICAL-OPTICAL MODULATOR INTERFACE
Italy	MI2012A001116	1412518	ANALOG-TO-DIGITAL CONVERSION LOOP FOR PSIS AND WSS SYSTEMS
United States of America	13926455	8872682	ANALOG-TO-DIGITAL CONVERSION LOOP FOR PSIS AND WSS SYSTEMS
Italy	MI2012A000944		POWER MANAGEMENT ARCHITECTURE BASED ON MICROPROCESSOR ARCHITECTURE WITH EMBEDDED AND EXTERNAL NON-VOLATILE MEMORY
United States of America	13907543	9454215	POWER MANAGEMENT ARCHITECTURE BASED ON MICROPROCESSOR ARCHITECTURE WITH EMBEDDED AND EXTERNAL NON-VOLATILE MEMORY
Italy	TO2012A000846	1413687	LOW-CONSUMPTION AND HIGH-EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND SYSTEM COMPRISING THE ENERGY-SCAVENGING INTERFACE
United States of America	14036458	9263942	LOW-CONSUMPTION AND HIGH-EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND SYSTEM COMPRISING THE ENERGY-SCAVENGING INTERFACE
Germany	13186555.2	2713500	ENHANCED EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND ENERGY-SCAVENGING SYSTEM COMPRISING THE

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			ENERGY-SCAVENGING INTERFACE
European Patent	13186555.2	2713500	ENHANCED EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND ENERGY-SCAVENGING SYSTEM COMPRISING THE ENERGY-SCAVENGING INTERFACE
Italy	TO2012A000847	1413688	ENHANCED EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND ENERGY-SCAVENGING SYSTEM COMPRISING THE ENERGY-SCAVENGING INTERFACE
United States of America	14036751	9461504	ENHANCED EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND ENERGY-SCAVENGING SYSTEM COMPRISING THE ENERGY-SCAVENGING INTERFACE
United States of America	15226473	9954394	ENHANCED-EFFICIENCY ENERGY-SCAVENGING INTERFACE, METHOD FOR OPERATING THE ENERGY-SCAVENGING INTERFACE, AND ENERGY-SCAVENGING SYSTEM COMPRISING THE ENERGY-SCAVENGING INTERFACE
Italy	MI2012A001460		ADAPTIVE REACTIVATION OF PHASES DEACTIVATED BY PHASE-SHEDDING IN MULTI-PHASE VOLTAGE REGULATORS
United States of America	14014896	9317047	ADAPTIVE REACTIVATION OF PHASES DEACTIVATED BY PHASE-SHEDDING IN MULTI-PHASE VOLTAGE REGULATORS

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Italy	TO2012A000987	1414380	DIGITAL ELECTRONIC INTERFACE CIRCUIT FOR AN ACOUSTIC TRANSDUCER, AND CORRESPONDING ACOUSTIC TRANSDUCER SYSTEM
United States of America	13936096	9456274	DIGITAL ELECTRONIC INTERFACE CIRCUIT FOR AN ACOUSTIC TRANSDUCER, AND CORRESPONDING ACOUSTIC TRANSDUCER SYSTEM
United States of America	15140345	9807500	DIGITAL ELECTRONIC INTERFACE CIRCUIT FOR AN ACOUSTIC TRANSDUCER, AND CORRESPONDING ACOUSTIC TRANSDUCER SYSTEM
Italy	TO2012A000833		STEP COUNTER DEVICE WITH ENERGY-SCAVENGING FUNCTIONALITY, AND STEP-COUNTING METHOD
United States of America	14034764	9587959	STEP COUNTER DEVICE WITH ENERGY-SCAVENGING FUNCTIONALITY, AND STEP-COUNTING METHOD
Italy	TO2013A000144	1416363	ENHANCED DC-DC CONVERTER, METHOD FOR OPERATING THE DC-DC CONVERTER, ENVIRONMENTAL ENERGY HARVESTING SYSTEM COMPRISING THE DC-DC CONVERTER, AND APPARATUS COMPRISING THE ENERGY HARVESTING SYSTEM
United States of America	14181063	9450489	ENHANCED DC-DC CONVERTER, METHOD FOR OPERATING THE DC-DC CONVERTER, ENVIRONMENTAL ENERGY-HARVESTING SYSTEM COMPRISING THE DC-DC CONVERTER, AND APPARATUS COMPRISING THE ENERGY-HARVESTING SYSTEM
Italy	TO2012A000633	1413333	SENSOR FOR PRESSURE MEASUREMENTS
United States of America	13941893	9243967	SENSOR FOR PRESSURE MEASUREMENTS
China	201310241823.9	ZL201310241823.9	SEMICONDUCTOR INTEGRATED DEVICE

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			ASSEMBLY AND RELATED MANUFACTURING PROCESS
China	201320346590.4	ZL201320346590.4	SEMICONDUCTOR INTEGRATED DEVICE ASSEMBLY AND ELECTRONIC APPARATUS
Italy	TO2012A000515	1412845	SEMICONDUCTOR INTEGRATED DEVICE ASSEMBLY AND RELATED MANUFACTURING PROCESS
United States of America	13916416	8836111	SEMICONDUCTOR INTEGRATED DEVICE ASSEMBLY AND RELATED MANUFACTURING PROCESS
Italy	TO2012A000853	1413830	MEMS SPEAKER DEVICE WITH AN ELECTRONIC TEST CIRCUIT AND TESTING METHOD THEREOF
United States of America	14030584	9426563	MEMS SPEAKER DEVICE WITH AN ELECTRONIC TEST CIRCUIT
China	201410181932.0	ZL201410181932.0	WAFER LEVEL ASSEMBLY OF A MEMS SENSOR DEVICE AND RELATED MEMS SENSOR DEVICE
China	201420220391.3	ZL201420220391.3	MEMS SENSOR DEVICE ASSEMBLY AND ELECTRONIC APPARATUS
Italy	TO2013A000350	1417585	WAFER LEVEL ASSEMBLY OF A MEMS SENSOR DEVICE AND RELATED MEMS SENSOR DEVICE
United States of America	14265053	9628919	WAFER LEVEL ASSEMBLY OF A MEMS SENSOR DEVICE AND RELATED MEMS SENSOR DEVICE
Italy	MI2013A000701	1417405	SETTING WAVEFORMS IN ULTRASOUND DEVICE USING A RECORDING APPROACH
United States of America	14263311	9877703	METHOD OF SETTING A WAVEFORM SIGNAL IN AN ULTRASOUND IMAGING APPARATUS AND APPARATUS FOR SETTING AN ULTRASONIC WAVEFORM SIGNAL USING SUCH METHOD
United States of America	15849040	10682123	METHOD OF SETTING A WAVEFORM SIGNAL IN AN ULTRASOUND IMAGING APPARATUS AND APPARATUS

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			FOR SETTING AN ULTRASONIC WAVEFORM SIGNAL USING SUCH METHOD
Italy	TO2013A000233		METHOD AND APPARATUS FOR IMAGE ENCODING AND/OR DECODING AND RELATED COMPUTER PROGRAM PRODUCTS
United States of America	14222803	9451257	METHOD AND APPARATUS FOR IMAGE ENCODING AND/OR DECODING AND RELATED COMPUTER PROGRAM PRODUCTS
Italy	TO2013A000031		MIRROR MICROMECHANICAL STRUCTURE AND RELATED MANUFACTURING PROCESS
United States of America	14151471	9544573	MIRROR MICROMECHANICAL STRUCTURE AND RELATED MANUFACTURING PROCESS
United States of America	14961507	9835850	MIRROR MICROMECHANICAL STRUCTURE AND RELATED MANUFACTURING PROCESS
United States of America	15293061	10288874	MIRROR MICROMECHANICAL STRUCTURE AND RELATED MANUFACTURING PROCESS
Italy	MI2013A000662	1417208	HIGH-VOLTAGE MULTI-LEVEL SHIFTER FOR ULTRASOUND APPLICATIONS AND TRANSMIT/RECEIVE CHANNEL FOR ULTRASOUND APPLICATIONS USING SAID LEVEL SHIFTER
United States of America	14256689	8947150	HIGH-VOLTAGE MULTI-LEVEL SHIFTER FOR ULTRASOUND APPLICATIONS AND TRANSMIT/RECEIVE CHANNEL FOR ULTRASOUND APPLICATIONS USING SAID LEVEL SHIFTER
Italy	TO2013A000324	1417274	VIBRATING DEVICE FOR POSITIONING A MINIATURIZED PIECE IN A TESTING ACCOMODATION, AND POSITIONING METHOD
United States of America	14258911	9575092	VIBRATING DEVICE FOR POSITIONING A MINIATURIZED PIECE IN A TESTING ACCOMMODATION, AND POSITIONING METHOD

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	15401435	10254332	VIBRATING DEVICE FOR POSITIONING A MINIATURIZED PIECE IN A TESTING ACCOMMODATION, AND POSITIONING METHOD
United States of America	13799243	9448071	MICROELECTROMECHANICAL DEVICE HAVING AN OSCILLATING MASS AND A FORCING STAGE, AND METHOD OF CONTROLLING A MICROELECTROMECHANICAL DEVICE
United States of America	14985071	9829319	MICROELECTROMECHANICAL DEVICE HAVING AN OSCILLATING MASS AND A FORCING STAGE, AND A METHOD OF CONTROLLING A MICROELECTROMECHANICAL DEVICE
United States of America	13685364	9146109	MICROELECTROMECHANICAL GYROSCOPE WITH IMPROVED START-UP PHASE, SYSTEM INCLUDING THE MICROELECTROMECHANICAL GYROSCOPE, AND METHOD FOR SPEEDING-UP THE START UP PHASE
United States of America	13683937	9329649	DUAL INPUT SINGLE OUTPUT REGULATOR FOR AN INERTIAL SENSOR
Italy	TO2013A000013	1416048	MICROELECTROMECHANICAL GYROSCOPE WITH COMPENSATION OF QUADRATURE SIGNAL COMPONENTS AND METHOD OF CONTROLLING A MICROELECTROMECHANICAL GYROSCOPE
United States of America	14151426	9784581	MICROELECTROMECHANICAL GYROSCOPE WITH COMPENSATION OF QUADRATURE SIGNAL COMPONENTS
United States of America	15707707	10480944	MICROELECTROMECHANICAL GYROSCOPE WITH COMPENSATION OF QUADRATURE SIGNAL COMPONENTS

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Italy	TO2012A001067	1415115	MAGNETORESISTIVE SENSOR INTEGRATED IN A CHIP FOR DETECTING MAGNETIC FIELDS PERPENDICULAR TO THE CHIP AND MANUFACTURING PROCESS THEREOF
United States of America	14102899	9568566	MAGNETORESISTIVE SENSOR INTEGRATED IN A CHIP FOR DETECTING MAGNETIC FIELDS PERPENDICULAR TO THE CHIP AND MANUFACTURING PROCESS THEREOF
Italy	TO2013A000237	1416929	HIGH-SENSITIVITY, MICROELECTROMECHANICAL Z-AXIS DETECTION STRUCTURE, IN PARTICULAR FOR AN MEMS ACCELEROMETER
United States of America	14220979	9513310	HIGH-SENSITIVITY, Z-AXIS MICRO-ELECTRO-MECHANICAL DETECTION STRUCTURE, IN PARTICULAR FOR AN MEMS ACCELEROMETER
Italy	TO2013A000436	1417926	LOW-CONSUMPTION, AMR TYPE, INTEGRATED MAGNETORESISTOR
United States of America	14287798	9766304	INTEGRATED AMR MAGNETORESISTOR WITH A SET/RESET COIL, HAVING A STRETCH POSITIONED BETWEEN A MAGNETORESISTIVE STRIP AND A CONCENTRATING REGION
Italy	MI2013A000161		METHOD OF PWM REGULATING A DC ELECTRIC MOTOR
United States of America	14168171	9294030	METHOD OF PWM REGULATION OF A CONTINUOUS CURRENT ELECTRIC MOTOR
Italy	VI2013A000077		A GRAPHENE BASED FILLER MATERIAL OF SUPERIOR THERMAL CONDUCTIVITY FOR CHIP ATTACHMENT IN MICROSTRUCTURE DEVICES
United States of America	14215597		GRAPHENE BASED FILLER MATERIAL OF SUPERIOR THERMAL CONDUCTIVITY FOR

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			CHIP ATTACHMENT IN MICROSTRUCTURE DEVICES
United States of America	14946502	9892994	GRAPHENE BASED FILLER MATERIAL OF SUPERIOR THERMAL CONDUCTIVITY FOR CHIP ATTACHMENT IN MICROSTRUCTURE DEVICES
Italy	MI2013A001752	1420243	TRANSMIT/RECEIVE CHANNEL FOR ULTRASOUND APPLICATIONS
United States of America	14518894	9886940	TRANSMIT/RECEIVE CHANNEL FOR ULTRASOUND APPLICATIONS
United States of America	15864997	10339914	TRANSMIT/RECEIVE CHANNEL FOR ULTRASOUND APPLICATIONS
China	201410547282.7	ZL201410547282.7	MICROELECTROMECHANICAL DEVICE WITH PROTECTION FOR BONDING AND PROCESS FOR MANUFACTURING A MICROELECTROMECHANICAL DEVICE
China	201420597385.X	ZL201420597385.X	MICROELECTROMECHANICAL DEVICE, MICROELECTROMECHANICAL MICROPHONE AND ELECTRONIC SYSTEM
Italy	TO2013A000838	1420309	MICROELECTROMECHANICAL DEVICE WITH PROTECTION FOR BONDING AND PROCESS FOR MANUFACTURING A MICROELECTROMECHANICAL DEVICE
United States of America	14511002	10239748	MICROELECTROMECHANICAL DEVICE WITH PROTECTION FOR BONDING
United States of America	14446248	9671471	MAGNETIC SENSOR INCLUDING A LORENTZ FORCE TRANSDUCER DRIVEN AT A FREQUENCY DIFFERENT FROM THE RESONANCE FREQUENCY, AND METHOD FOR DRIVING A LORENTZ FORCE TRANSDUCER
United States of America	15584672	10254355	MAGNETIC SENSOR INCLUDING A LORENTZ FORCE TRANSDUCER DRIVEN AT A FREQUENCY DIFFERENT FROM THE RESONANCE FREQUENCY, AND METHOD FOR DRIVING A LORENTZ FORCE TRANSDUCER

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Italy	TO2012A000842	1413827	METHOD AND SYSTEM FOR FINGER SENSING, RELATED SCREEN APPARATUS AND COMPUTER PROGRAM PRODUCT
United States of America	14037359	9804713	METHOD AND SYSTEM FOR FINGER SENSING, RELATED SCREEN APPARATUS AND COMPUTER PROGRAM PRODUCT
Italy	TO2012A000406	1411936	METHOD AND DEVICE FOR ABORTING TRANSACTIONS, RELATED SYSTEM AND COMPUTER PROGRAM PRODUCT
United States of America	13888062	9632793	METHOD AND DEVICE FOR ABORTING TRANSACTIONS, RELATED SYSTEM AND COMPUTER PROGRAM PRODUCT
Italy	MI2012A001599	1413772	ELECTRONIC DEVICE COMPRISING INTEGRATED VT MOS TRANSISTOR AND THERMAL DIODE
United States of America	14028364		INTEGRATED VERTICAL TRENCH MOS TRANSISTOR
United States of America	14949528	9673298	INTEGRATED VERTICAL TRENCH MOS TRANSISTOR
Italy	TO2012A000553	1412215	ELECTRICALLY TRIMMABLE RESISTOR DEVICE AND TRIMMING METHOD THEREOF
United States of America	13924159	9230720	ELECTRICALLY TRIMMABLE RESISTOR DEVICE AND TRIMMING METHOD THEREOF
Italy	TO2012A000516	1412846	MANUFACTURING METHOD OF A GRAPHENE-BASED ELECTROCHEMICAL SENSOR, AND ELECTROCHEMICAL SENSOR
United States of America	13917379	9324825	MANUFACTURING METHOD OF A GRAPHENE-BASED ELECTROCHEMICAL SENSOR, AND ELECTROCHEMICAL SENSOR
United States of America	14986132	9476852	MANUFACTURING METHOD OF A GRAPHENE-BASED ELECTROCHEMICAL SENSOR,

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			AND ELECTROCHEMICAL SENSOR
United States of America	14986123	9797860	MANUFACTURING METHOD OF A GRAPHENE-BASED ELECTROCHEMICAL SENSOR, AND ELECTROCHEMICAL SENSOR
Italy	TO2012A000470	1411946	METHOD FOR HANDLING ACCESS TRANSACTIONS AND RELATED SYSTEM
United States of America	13904379	8990436	METHOD FOR HANDLING ACCESS TRANSACTIONS AND RELATED SYSTEM
Italy	MI2013A000058		LEVEL SHIFTER DEVICE
United States of America	14154272	8816749	LEVEL SHIFTER DEVICE
Italy	TO2012A000742	1413163	SEMICONDUCTOR DEVICE WITH IMPROVED LINEAR AND SWITCHING OPERATING MODES, METHOD OF MANUFACTURING THE SEMICONDUCTOR DEVICE, AND BIASING METHOD OF THE SEMICONDUCTOR DEVICE
United States of America	13967217	9190492	SEMICONDUCTOR DEVICE WITH IMPROVED LINEAR AND SWITCHING OPERATING MODES
Italy	TO2012A000634	1413334	PHOTODETECTOR WITH INTEGRATED MICROFLUIDIC CHANNEL AND MANUFACTURING PROCESS THEREOF
United States of America	13925577	9349904	PHOTODETECTOR WITH INTEGRATED MICROFLUIDIC CHANNEL AND MANUFACTURING PROCESS THEREOF
United States of America	13597057	9406484	SPECIMEN HOLDER FOR HOLDING A SEMICONDUCTOR DEVICE DURING A SAMPLE PREPARATION PROCEDURE CARRIED OUT USING FIRST AND SECOND SAMPLE PREPARATION APPARATUSES
Italy	TO2012A000501	1412209	DIAGNOSTIC DEVICE WITH AN INTEGRATED PHOTODETECTOR AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			DIAGNOSTIC SYSTEM INCLUDING THE SAME
United States of America	13902468	9658158	DIAGNOSTIC DEVICE WITH AN INTEGRATED PHOTODETECTOR AND DIAGNOSTIC SYSTEM INCLUDING THE SAME
Italy	MI2012A001238	1413581	PLANAR BALUN TRANSFORMER DEVICE
United States of America	13936651	9160050	PLANAR BALUN TRANSFORMER DEVICE
United States of America	14848630	10290917	PLANAR BALUN TRANSFORMER DEVICE
United States of America	15860858	10903546	PLANAR BALUN TRANSFORMER DEVICE
Italy	MI2013A000267		AN ELECTRONIC DEVICE COMPRISING AT LEAST A CHIP ENCLOSED IN A PACKAGE AND A CORRESPONDING ASSEMBLY PROCESS
United States of America	14183156	9159652	ELECTRONIC DEVICE COMPRISING AT LEAST A CHIP ENCLOSED IN A PACKAGE AND A CORRESPONDING ASSEMBLY PROCESS
Italy	TO2012A000646	1413141	METHOD OF FORMING ELECTRIC CONTACT INTERFACE REGIONS OF AN ELECTRONIC DEVICE
United States of America	13925658	9159611	METHOD OF FORMING ELECTRIC CONTACT INTERFACE REGIONS OF AN ELECTRONIC DEVICE
Italy	TO2013A000004		BUFFER FOR ORDERING OUT-OF-ORDER DATA, AND CORRESPONDING INTEGRATED CIRCUIT AND METHOD FOR MANAGING A BUFFER
United States of America	14143383	9093133	BUFFER FOR ORDERING OUT-OF-ORDER DATA, AND CORRESPONDING INTEGRATED CIRCUIT AND METHOD FOR MANAGING A BUFFER
Italy	MI2012A002180		METHOD OF PROCESSING DIGITAL IMAGES TO BE PROJECTED ON A SCREEN AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			RELATED PROJECTION EQUIPMENT
United States of America	14133381	9554102	PROCESSING DIGITAL IMAGES TO BE PROJECTED ON A SCREEN
Italy	TO2013A000234		A METHOD OF HANDLING TRANSACTIONS, CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
United States of America	14219850	9697161	METHOD OF HANDLING TRANSACTIONS, CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
United States of America	15608857	10102171	METHOD OF HANDLING TRANSACTIONS, CORRESPONDING SYSTEM AND COMPUTER PROGRAM PRODUCT
Italy	TO2013A000059		A METHOD AND DEVICE FOR STABILIZING VIDEO SEQUENCES, RELATED VIDEO-CAPTURE APPARATUS AND COMPUTER-PROGRAM PRODUCT
United States of America	14163090	9319586	METHOD AND DEVICE FOR STABILIZING VIDEO SEQUENCES, RELATED VIDEO-CAPTURE APPARATUS AND COMPUTER-PROGRAM PRODUCT
Italy	MI2013A000019		PROXIMITY SENSOR AND METHOD OF SENSING A DISTANCE OF AN OBJECT FROM A PROXIMITY SENSOR
United States of America	14146175	9411049	PROXIMITY SENSOR HAVING ARRAY OF GEIGER MODE AVALANCHE PHOTODIODES FOR ESTIMATING DISTANCE OF AN OBJECT TO THE ARRAY BASED ON AT LEAST ONE OF A DARK CURRENT AND A RATE OF CURRENT SPIKES GENERATED IN DARK CONDITIONS
Italy	MI2013A000057	1415677	CURRENT DRIVER FOR LED DIODES

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	14154367	9072139	CURRENT DRIVER FOR LED DIODES
Italy	MI2013A000061		CURRENT DRIVER FOR LED DIODES
United States of America	14154573	9078315	CURRENT DRIVER FOR AN ARRAY OF LED DIODES
Italy	VI2013A000002		NANOSCALE QCA-BASED LOGIC GATES IN GRAPHENE TECHNOLOGY
United States of America	14144801	9123753	NANOSCALE QCA-BASED LOGIC GATES IN GRAPHENE TECHNOLOGY
Italy	TO2013A000236		OPTOELECTRONIC INTEGRATED DEVICE INCLUDING A PHOTODETECTOR AND A MOSFET TRANSISTOR, AND MANUFACTURING PROCESS THEREOF
United States of America	14206328	9305907	OPTOELECTRONIC INTEGRATED DEVICE INCLUDING A PHOTODETECTOR AND A MOSFET TRANSISTOR, AND MANUFACTURING PROCESS THEREOF
Italy	TO2013A000444		COMMUNICATION INTERFACE FOR INTERFACING A TRANSMISSION CIRCUIT WITH AN INTERCONNECTION NETWORK, AND CORRESPONDING SYSTEM AND INTEGRATED CIRCUIT
United States of America	14841522	9959226	COMMUNICATION INTERFACE FOR INTERFACING A TRANSMISSION CIRCUIT WITH AN INTERCONNECTION NETWORK, AND CORRESPONDING SYSTEM AND INTEGRATED CIRCUIT
United States of America	15940650	10579561	COMMUNICATION INTERFACE FOR INTERFACING A TRANSMISSION CIRCUIT WITH AN INTERCONNECTION NETWORK, AND CORRESPONDING SYSTEM AND INTEGRATED CIRCUIT

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Patent Cooperation Treaty	PCT/IB2014/061839		COMMUNICATION INTERFACE FOR INTERFACING A TRANSMISSION CIRCUIT WITH AN INTERCONNECTION NETWORK, AND CORRESPONDING SYSTEM AND INTEGRATED CIRCUIT
Italy	TO2013A000387		COMMUNICATION SYSTEM FOR INTERFACING A PLURALITY OF TRANSMISSION CIRCUITS WITH AN INTERCONNECTION NETWORK, AND CORRESPONDING INTEGRATED CIRCUIT
United States of America	14278403	9471521	COMMUNICATION SYSTEM FOR INTERFACING A PLURALITY OF TRANSMISSION CIRCUITS WITH AN INTERCONNECTION NETWORK, AND CORRESPONDING INTEGRATED CIRCUIT
Italy	MI2013A000520	1417383	MANUFACTURING OF A HEAT SINK BY WAVE SOLDERING
United States of America	14225625	9237644	MANUFACTURING OF A HEAT SINK BY WAVE SOLDERING
United States of America	14951085	9615444	MANUFACTURING OF A HEAT SINK BY WAVE SOLDERING
Italy	TO2013A000520		METHOD AND SYSTEM FOR PERFORMING DIVISION/MULTIPLICATION OPERATIONS IN DIGITAL PROCESSORS, CORRESPONDING DEVICE AND COMPUTER PROGRAM PRODUCT
United States of America	14313273	10108396	METHOD AND SYSTEM FOR PERFORMING DIVISION/MULTIPLICATION OPERATIONS IN DIGITAL PROCESSORS, CORRESPONDING DEVICE AND COMPUTER PROGRAM PRODUCT
United States of America	16166977	10620914	METHOD AND SYSTEM FOR PERFORMING DIVISION/MULTIPLICATION OPERATIONS IN DIGITAL PROCESSORS, CORRESPONDING DEVICE AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			COMPUTER PROGRAM PRODUCT
Italy	TO2013A000299		MICROFLUIDIC DEVICE WITH INTEGRATED STIRRING STRUCTURE AND MANUFACTURING METHOD THEREOF
United States of America	14250098	9394160	MICROFLUIDIC DEVICE WITH INTEGRATED STIRRING STRUCTURE AND MANUFACTURING METHOD THEREOF
United States of America	14963052	9527726	MICROFLUIDIC DEVICE WITH INTEGRATED STIRRING STRUCTURE AND MANUFACTURING METHOD THEREOF
Italy	TO2012A001081		NORMALLY OFF POWER ELECTRONIC COMPONENT
United States of America	14104317	9418984	NORMALLY OFF POWER ELECTRONIC COMPONENT
Italy	TO2013A000021		LDMOS POWER SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME
United States of America	14151527	9324838	LDMOS POWER SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME
United States of America	14964130	9954079	LDMOS POWER SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME
United States of America	15927646	10297677	LDMOS POWER SEMICONDUCTOR DEVICE AND MANUFACTURING METHOD OF THE SAME
Italy	MI2012A002226	1415817	MANUFACTURING OF ELECTRONIC DEVICES IN A WAFER OF SEMICONDUCTOR MATERIAL HAVING TRENCHES WITH DIFFERENT DIRECTIONS
United States of America	14108598	9070694	MANUFACTURING OF ELECTRONIC DEVICES IN A WAFER OF SEMICONDUCTOR MATERIAL HAVING TRENCHES WITH DIFFERENT DIRECTIONS
Italy	MI2013A000263		POWER ELECTRONIC DEVICE

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	14182156	8963303	POWER ELECTRONIC DEVICE
Italy	TO2013A000257		INTEGRATED DEVICE OF A CAPACITIVE TYPE FOR DETECTING HUMIDITY, IN PARTICULAR MANUFACTURED USING A CMOS TECHNOLOGY
United States of America	14226554	9234859	INTEGRATED DEVICE OF A CAPACITIVE TYPE FOR DETECTING HUMIDITY, IN PARTICULAR MANUFACTURED USING A CMOS TECHNOLOGY
Italy	MI2013A000030	1415734	ELECTRONIC DEVICE COMPRISING CONDUCTIVE REGIONS AND DUMMY REGIONS
United States of America	14150264	9306029	ELECTRONIC DEVICE COMPRISING CONDUCTIVE REGIONS AND DUMMY REGIONS
United States of America	14972794	9461130	ELECTRONIC DEVICE COMPRISING CONDUCTIVE REGIONS AND DUMMY REGIONS
Italy	TO2012A001008	1414768	METHOD FOR REGULATING DATA TRANSMISSION OVER A COMMUNICATION CHANNEL, CORRESPONDING DEVICE AND COMPUTER PROGRAM PRODUCT
United States of America	14067811	9258139	METHOD FOR REGULATING DATA TRANSMISSION OVER A COMMUNICATION CHANNEL, CORRESPONDING DEVICE AND COMPUTER PROGRAM PRODUCT
Italy	MI2013A000001	1416818	ELECTRIC SYSTEM COMPRISING A LOAD DRIVING APPARATUS BY AUTO-RECOVERY MODE, AND METHOD OF OPERATING THE APPARATUS
United States of America	14138402	9436193	ELECTRIC SYSTEM COMPRISING A LOAD DRIVING APPARATUS BY AUTO-RECOVERY MODE, AND METHOD OF OPERATING THE APPARATUS

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
Italy	TO2013A000347	1417583	DIGITALLY CONTROLLED OSCILLATOR CALIBRATION CIRCUIT AND METHOD
United States of America	14261283	9231597	DIGITALLY CONTROLLED OSCILLATOR CALIBRATION CIRCUIT AND METHOD
Italy	TO2012A001116		CIRCUIT AND METHOD FOR DYNAMIC OFFSET COMPENSATION IN A MEMS SENSOR DEVICE
United States of America	14134972	8981834	CIRCUIT AND METHOD FOR DYNAMIC OFFSET COMPENSATION IN A MEMS SENSOR DEVICE
Italy	TO2013A000405		PANNING FILTER DEVICE, CORRESPONDING METHOD AND COMPUTER PROGRAM PRODUCT
United States of America	14278680	10178313	PANNING FILTER DEVICE, CORRESPONDING METHOD AND COMPUTER PROGRAM PRODUCT
Italy	TO2013A000348		METHOD FOR COUPLING A GRAPHENE LAYER AND A SUBSTRATE AND DEVICE COMPRISING THE GRAPHENE/SUBSTRATE STRUCTURE OBTAINED
United States of America	14265034	9099305	METHOD FOR COUPLING A GRAPHENE LAYER AND A SUBSTRATE AND DEVICE COMPRISING THE GRAPHENE/SUBSTRATE STRUCTURE OBTAINED
United States of America	14788159	9331151	METHOD FOR COUPLING A GRAPHENE LAYER AND A SUBSTRATE AND DEVICE COMPRISING THE GRAPHENE/SUBSTRATE STRUCTURE OBTAINED
Italy	TO2013A000659	1419572	GESTURE RECOGNITION METHOD, APPARATUS AND DEVICE, COMPUTER PROGRAM PRODUCT THEREFOR
United States of America	14450105	9910503	GESTURE RECOGNITION METHOD, APPARATUS AND DEVICE, COMPUTER PROGRAM PRODUCT THEREFOR

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	15889859	10551934	GESTURE RECOGNITION METHOD, APPARATUS AND DEVICE, COMPUTER PROGRAM PRODUCT THEREFOR
Italy	TO2013A000824		SYSTEM FOR DESIGNING NETWORK ON CHIP INTERCONNECT ARRANGEMENTS
United States of America	14511014	9202002	SYSTEM FOR DESIGNING NETWORK ON CHIP INTERCONNECT ARRANGEMENTS
United States of America	14940026	10019399	SYSTEM FOR DESIGNING NETWORK ON CHIP INTERCONNECT ARRANGEMENTS
Italy	MI2013A000633		LOW DROP OUT VOLTAGE REGULATOR AND RELATED METHOD OF GENERATING A REGULATED VOLTAGE
United States of America	14097796	9223329	LOW DROP OUT VOLTAGE REGULATOR WITH OPERATIONAL TRANSCONDUCTANCE AMPLIFIER AND RELATED METHOD OF GENERATING A REGULATED VOLTAGE
Italy	TO2013A000398	1418482	AVALANCHE PHOTODIODE OPERATING IN GEIGER MODE INCLUDING A STRUCTURE FOR ELECTRO-OPTICAL CONFINEMENT FOR CROSSTALK REDUCTION, AND ARRAY OF PHOTODIODES
United States of America	14270760	9299873	AVALANCHE PHOTODIODE OPERATING IN GEIGER MODE INCLUDING A STRUCTURE FOR ELECTRO-OPTICAL CONFINEMENT FOR CROSSTALK REDUCTION, AND ARRAY OF PHOTODIODES
United States of America	15045384	9899557	AVALANCHE PHOTODIODE OPERATING IN GEIGER MODE INCLUDING A STRUCTURE FOR ELECTRO-OPTICAL CONFINEMENT FOR CROSSTALK REDUCTION, AND ARRAY OF PHOTODIODES

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	13949387	9183644	METHODS AND SYSTEMS FOR THE TREATMENT OF STEREOSCOPIC IMAGES, CORRESPONDING COMPUTER PROGRAM PRODUCTS, AND STORAGE CARRIER
China	201480053869.0	ZL201480053869.0	METHOD AND APPARATUS FOR SUPPORTING THE USE OF INTERLEAVED MEMORY REGIONS
United Kingdom	1318476.7	2519349	METHOD AND APPARATUS FOR SUPPORTING THE USE OF INTERLEAVED MEMORY REGIONS
United States of America	15026586	10540277	METHOD AND APPARATUS FOR SUPPORTING THE USE OF INTERLEAVED MEMORY REGIONS
Patent Cooperation Treaty	PCT/EP2014/072139		METHOD AND APPARATUS FOR SUPPORTING THE USE OF INTERLEAVED MEMORY REGIONS
United Kingdom	1318477.5		METHOD AND APPARATUS FOR SUPPORTING REPROGRAMMING OR RECONFIGURING
United States of America	14516300	9660936	METHOD AND APPARATUS FOR SUPPORTING REPROGRAMMING OR RECONFIGURING
China	201480053861.4	ZL201480053861.4	METHOD AND APPARATUS FOR USE WITH DIFFERENT MEMORY MAPS
United Kingdom	1318478.3		A METHOD AND APPARATUS FOR USE WITH DIFFERENT MEMORY MAPS
United States of America	15026588	10419432	METHOD AND APPARATUS FOR USE WITH DIFFERENT MEMORY MAPS
Patent Cooperation Treaty	PCT/EP2014/072341		METHOD AND APPARATUS FOR USE WITH DIFFERENT MEMORY MAPS
Italy	TO2013A000757	1419828	INTEGRATED MICROFLUIDIC CIRCUIT WITH ELECTROWETTING-BASED OPERATION AND CORRESPONDING MICROFLUIDIC SYSTEM

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	14489310	9983169	INTEGRATED MICROFLUIDIC CIRCUIT WITH ELECTROWETTING-BASED OPERATION AND CORRESPONDING MICROFLUIDIC SYSTEM
United States of America	15963969	10753904	INTEGRATED MICROFLUIDIC CIRCUIT WITH ELECTROWETTING-BASED OPERATION AND CORRESPONDING MICROFLUIDIC SYSTEM
Italy	TO2013A000447	1417932	MEMBRANE MICROFLUIDIC VALVE AND PROCESS FOR MANUFACTURING A MEMBRANE MICROFLUIDIC VALVE
United States of America	14289298	10197189	MEMBRANE MICROFLUIDIC VALVE AND PROCESS FOR MANUFACTURING A MEMBRANE MICROFLUIDIC VALVE
Germany	13197952.8	2746984	METHOD TO ACCESS DATA IN AN ELECTRONIC APPARATUS
European Patent	13197952.8	2746984	METHOD TO ACCESS DATA IN AN ELECTRONIC APPARATUS
France	13197952.8	2746984	METHOD TO ACCESS DATA IN AN ELECTRONIC APPARATUS
Italy	MI2012A002183		METHOD TO ACCESS DATA IN AN ELECTRONIC APPARATUS
United States of America	14103086	9225696	METHOD FOR DIFFERENT USERS TO SECURELY ACCESS THEIR RESPECTIVE PARTITIONED DATA IN AN ELECTRONIC APPARATUS
Germany	13197963.5	2746998	SIM CARD ADAPTER
European Patent	13197963.5	2746998	SIM CARD ADAPTER
France	13197963.5	2746998	SIM CARD ADAPTER
Italy	MI2012A002184		SIM CARD ADAPTER
Italy	13197963.5	2746998	SIM CARD ADAPTER
United States of America	14103011	9165237	SIM CARD ADAPTER
Italy	TO2013A000446		WAFER LEVEL PACKAGING OF INTEGRATED DEVICES, AND MANUFACTURING METHOD THEREOF

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	14288130	9446943	WAFER LEVEL PACKAGING OF INTEGRATED DEVICES, AND MANUFACTURING METHOD THEREOF
Italy	VI2012A000166	1412607	BIOSENSOR
United States of America	13929654	9244067	BIOSENSOR
United States of America	14951094	9823210	METHOD OF MANUFACTURING A BIOSENSOR
United States of America	14951136	9910005	BIOSENSOR
Italy	VI2013A000008		THIN FILM TRANSISTORS FORMED BY ORGANIC SEMICONDUCTORS USING A HYBRID PATTERNING REGIME
United States of America	14157097	9012259	THIN FILM TRANSISTORS FORMED BY ORGANIC SEMICONDUCTORS USING A HYBRID PATTERNING REGIME
Italy	VI2012A000237		A METHOD OF FORMING A CONDUCTIVE POLYMER MICROSTRUCTURE
United States of America	14032067	9099529	METHOD OF FORMING A CONDUCTIVE POLYMER MICROSTRUCTURE
United States of America	61637504		MULTIPLIERLESS COPROCESSOR FOR DIFFERENCE OF GAUSSIAN (DOG) CALCULATION
United States of America	13869665	9014508	MULTIPLIERLESS COPROCESSOR FOR DIFFERENCE OF GAUSSIAN (DOG) CALCULATION
United States of America	61637520		HARDWARE COPROCESSOR FOR STRIPE-BASED INTEREST POINT DETECTION
United States of America	13869609	9020276	HARDWARE COPROCESSOR FOR STRIPE-BASED INTEREST POINT DETECTION
Italy	MI2012A001720		MUX-BASED DIGITAL DELAY INTERPOLATOR
United States of America	14045284	8912837	MUX-BASED DIGITAL DELAY INTERPOLATOR
Italy	MI2013A000885		REACQUISITION METHOD OF CDMA MODULATED SATELLITE SIGNALS AND

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			RECEIVING APPARATUS IMPLEMENTING THE METHOD
United States of America	14290449	9008155	REACQUISITION METHOD OF CDMA MODULATED SATELLITE SIGNALS AND RECEIVING APPARATUS IMPLEMENTING THE METHOD
Italy	MI2013A000355	1416825	SENSOR FOR DETECTING HYDROGEN IONS IN AN AQUEOUS SOLUTION
United States of America	14200576	9588075	SENSOR FOR DETECTING HYDROGEN IONS IN AN AQUEOUS SOLUTION
Italy	MI2013A001224		ELECTRIC CIRCUIT AND METHOD FOR ESTIMATING THE ANGULAR POSITION OF A ROTOR OF AN ELECTRIC MOTOR, AND DEVICE FOR CONTROLLING AN ELECTRIC MOTOR
United States of America	14310536	9523566	ELECTRIC CIRCUIT AND METHOD FOR ESTIMATING THE ANGULAR POSITION OF A ROTOR OF AN ELECTRIC MOTOR, AND DEVICE FOR CONTROLLING AN ELECTRIC MOTOR
Italy	MI2012A001624	1413618	CLASS-G AMPLIFIER AND AUDIO SYSTEM EMPLOYING THE AMPLIFIER
United States of America	14018291	9236839	CLASS-G AMPLIFIER AND AUDIO SYSTEM EMPLOYING THE AMPLIFIER
United States of America	61650377		ARC DETECTION SYSTEM AND METHOD
United States of America	61705321		ARC DETECTION SYSTEM AND METHOD
United States of America	14037074	9696363	SYSTEM AND METHOD FOR AN ARC FAULT DETECTOR
United States of America	15603181	9939481	SYSTEM AND METHOD FOR AN ARC FAULT DETECTOR
United States of America	15908953	10352980	SYSTEM AND METHOD FOR DETECTING AN ARC FAULT IN A POWER LINE SIGNAL INCLUDING A COMMUNICATION SIGNAL

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
			MODULATED ON AN AC POWER SIGNAL
Italy	MI2012A000640	1411323	TRANS-IMPEDANCE AMPLIFIER FOR HIGH SPEED OPTICAL-ELECTRICAL INTERFACES
United States of America	13864739	8907729	TRANS-IMPEDANCE AMPLIFIER FOR HIGH SPEED OPTICAL-ELECTRICAL INTERFACES
Italy	MI2012A000736	1411479	TRANS-IMPEDANCE AMPLIFIER FOR HIGH SPEED OPTICAL-ELECTRICAL INTERFACES
United States of America	13868647	8981853	TRANS-IMPEDANCE AMPLIFIER FOR HIGH SPEED OPTICAL-ELECTRICAL INTERFACES
Italy	MI2012A001714		ELECTRO-OPTICAL MODULATOR INTERFACE
United States of America	14043547	9229250	ELECTRO-OPTICAL MODULATOR INTERFACE
Italy	MI2012A001713		DRIVER FOR MULTI-STAGE WAVE GUIDE MODULATOR AND METHOD
United States of America	14043375	8989601	DRIVER FOR MULTI-STAGE WAVE GUIDE MODULATOR AND METHOD
United States of America	13618967		CONFIGURABLE ANALOG FRONT-END FOR MUTUAL CAPACITANCE SENSING AND SELF CAPACITANCE SENSING
United States of America	13717766	8976151	CONFIGURABLE ANALOG FRONT-END FOR MUTUAL CAPACITANCE SENSING AND SELF CAPACITANCE SENSING
United States of America	14322244	9523725	CONFIGURABLE ANALOG FRONT-END FOR MUTUAL CAPACITANCE SENSING AND SELF CAPACITANCE SENSING
United States of America	13619328	9128573	HIGH SIGNAL TO NOISE RATIO CAPACITIVE SENSING ANALOG FRONT-END
United States of America	13717780	9389256	HIGH SIGNAL TO NOISE RATIO CAPACITIVE SENSING ANALOG FRONT-END
United States of America	13853870	9235300	ANALOG ACCUMULATOR

Country	Application No.	Patent No.	Title (may not match current Title at Patent Office)
United States of America	13781908	8854765	REGULATING DISTRIBUTION OF POWER IN A HARD DISK DRIVE FOLLOWING A POWER LOSS