PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4171799

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
METAIO GMBH	11/18/2016

RECEIVING PARTY DATA

Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014

PROPERTY NUMBERS Total: 79

Property Type	Number
Patent Number:	9111347
Patent Number:	7768534
Patent Number:	7889193
Patent Number:	9008371
Patent Number:	8614747
Patent Number:	9390560
Patent Number:	9165405
Application Number:	14887280
Application Number:	15205899
Patent Number:	8659613
Patent Number:	8675965
Patent Number:	9262678
Application Number:	15044009
Patent Number:	8452080
Application Number:	13900158
Patent Number:	7641342
Patent Number:	8113657
Patent Number:	8042947
Patent Number:	8016421
Patent Number:	8944602

Property Type	Number
Patent Number:	9427154
Application Number:	15235845
Patent Number:	8382285
Application Number:	13749945
Patent Number:	8896629
Application Number:	14502366
Patent Number:	9001154
Application Number:	14616213
Patent Number:	8942418
Patent Number:	8837779
Patent Number:	9218665
Application Number:	14567668
Application Number:	14977288
Patent Number:	8805002
Patent Number:	8913792
Application Number:	61289763
Patent Number:	9170766
Application Number:	14923293
Patent Number:	7245273
Patent Number:	7969383
Patent Number:	8686923
Patent Number:	9208563
Application Number:	14961557
Patent Number:	9235894
Application Number:	14992696
Patent Number:	9213908
Application Number:	14240995
Patent Number:	9400941
Application Number:	14240978
Patent Number:	9378431
Application Number:	14430170
Application Number:	14430169
Application Number:	14430162
Application Number:	14654395
Application Number:	14654402
Application Number:	14758121
Application Number:	14186635
Application Number:	15273591

Property Type	Number
Application Number:	13963766
Application Number:	15128418
Application Number:	14668381
Application Number:	15024800
Application Number:	15022184
Application Number:	15028474
Application Number:	15093607
Application Number:	15028364
Patent Number:	8190195
Application Number:	15167391
Application Number:	15100355
Application Number:	15103228
Application Number:	15274968
Application Number:	14223601
Application Number:	15316103
Application Number:	14843724
Application Number:	14581609
Application Number:	15128416
Application Number:	14417046
Patent Number:	8970690
Application Number:	14633386

CORRESPONDENCE DATA

Fax Number:

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.

Email: mbrininger@blankrome.com
Correspondent Name: (APPLE) BLANK ROME LLP
Address Line 1: 717 TEXAS AVENUE #1400
Address Line 4: HOUSTON, TEXAS 77002

ATTORNEY DOCKET NUMBER:	P28521US1 (119-1081US1)+
NAME OF SUBMITTER:	KATHERINE A. FRANCO
SIGNATURE:	/Katherine A. Franco/
DATE SIGNED:	12/06/2016

Total Attachments: 71
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ASSIGNMENT

This Assignment is made by **Metaio GmbH**, a limited liability company duly organized under the laws of Germany (hereinafter the "Assignor"):

WHEREAS, Assignor is the owner of all of the worldwide rights, title and interest in and to the patents and patent applications set forth on Schedule A hereto (hereinafter the "Listed Patents and Applications");

WHEREAS, **Apple Inc.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at 1 Infinite Loop, Cupertino, California 95014-2084 (hereinafter the "Assignee"), is desirous of acquiring the entire worldwide right, title and interest in and to said Listed Patents and Applications and the Assigned Patents and Applications (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignor has sold, assigned, transferred and convey, and by this Assignment does hereby sell, assign, transfer and convey, unto said Assignee, its successors, legal representatives and assigns, Assignor's entire worldwide right, title and interest in and to the above-mentioned Listed Patents and Applications, and in and to any and all (a) applications (including, but not limited to, provisional applications) and patents from or to which any Listed Patents and Applications claim priority (in whole or in part) or that share common priority (in whole or in part) with any Listed Patents and Applications, (b) divisionals, continuations, continuations-in-part and foreign counterparts of any of the foregoing, (c) patents granted for, on, or extending any of any of the foregoing, (d) other types of patents, including, but not limited to, design patents, utility models, or other types of patents that derive from, extend, or claim priority based on any of any of the foregoing, (e) reissues, reexaminations and extensions of any of the foregoing, and (f) inventions described in any of the foregoing (collectively, the "Assigned Patents and Applications"), together with all rights under international treaties relating to intellectual property, including, but not limited to, the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, and to claim all rights of priority resulting from the filing of any of the foregoing, all of the foregoing to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms of any and all Assigned Patents and Applications for which patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made. Assignor does hereby sell, assign, transfer, and convey to Assignee, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the Assigned Patents and Applications that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter including, but not limited to, the right to sue for, collect, and retain damages for past, present and future infringement of any of the said Assigned Patents and Applications before or after issuance. To the extent that Schedule A hereto contains any typographical or administrative error but it is clear which patent or patent application was intended to be included in the sale, assignment, transfer and conveyance under this Assignment, Assignor and Assignee each acknowledge and agree that the intended patent or patent application is hereby sold, assigned, transferred and conveyed, along with all other rights, privileges and claims enumerated above with respect to such intended patent or patent application.

IN TESTIMONY WHEREOF,

Metaio GmbH	Apple Inc.
By: _____	By: _____
Name: Gene D. Levoff	Name: BJ Watrous
Title: Managing Director	Title: Assistant Secretary
Date: November 18, 2016	Date: _____

ASSIGNMENT

This Assignment is made by **Metaio GmbH**, a limited liability company duly organized under the laws of Germany (hereinafter the "Assignor"):

WHEREAS, Assignor is the owner of all of the worldwide rights, title and interest in and to the patents and patent applications set forth on Schedule A hereto (hereinafter the "Listed Patents and Applications");

WHEREAS, **Apple Inc.**, a corporation duly organized under and pursuant to the laws of the State of California, and having a principal place of business at 1 Infinite Loop, Cupertino, California 95014-2084 (hereinafter the "Assignee"), is desirous of acquiring the entire worldwide right, title and interest in and to said Listed Patents and Applications and the Assigned Patents and Applications (as defined below);

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, said Assignor has sold, assigned, transferred and convey, and by this Assignment does hereby sell, assign, transfer and convey, unto said Assignee, its successors, legal representatives and assigns, Assignor's entire worldwide right, title and interest in and to the above-mentioned Listed Patents and Applications, and in and to any and all (a) applications (including, but not limited to, provisional applications) and patents from or to which any Listed Patents and Applications claim priority (in whole or in part) or that share common priority (in whole or in part) with any Listed Patents and Applications, (b) divisionals, continuations, continuations-in-part and foreign counterparts of any of the foregoing, (c) patents granted for, on, or extending any of any of the foregoing, (d) other types of patents, including, but not limited to, design patents, utility models, or other types of patents that derive from, extend, or claim priority based on any of any of the foregoing, (e) reissues, reexaminations and extensions of any of the foregoing, and (f) inventions described in any of the foregoing (collectively, the "Assigned Patents and Applications"), together with all rights under international treaties relating to intellectual property, including, but not limited to, the Paris Convention for the Protection of Industrial Property and the Patent Cooperation Treaty, and to claim all rights of priority resulting from the filing of any of the foregoing, all of the foregoing to be held and enjoyed by said Assignee, for its own use and behalf and the use and behalf of its successors, legal representatives and assigns, to the full end of the term or terms of any and all Assigned Patents and Applications for which patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignor, had this sale and assignment not been made. Assignor does hereby sell, assign, transfer, and convey to Assignee, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the Assigned Patents and Applications that may have accrued prior to the date of assignment to Assignee, or may accrue hereafter including, but not limited to, the right to sue for, collect, and retain damages for past, present and future infringement of any of the said Assigned Patents and Applications before or after issuance. To the extent that Schedule A hereto contains any typographical or administrative error but it is clear which patent or patent application was intended to be included in the sale, assignment, transfer and conveyance under this Assignment, Assignor and Assignee each acknowledge and agree that the intended patent or patent application is hereby sold, assigned, transferred and conveyed, along with all other rights, privileges and claims enumerated above with respect to such intended patent or patent application.

IN TESTIMONY WHEREOF,

Metaio GmbH	Apple Inc.
By:_____	By:_____
Name: Gene D. Levoff	Name: BJ Watrous
Title: Managing Director	Title: Assistant Secretary
Date:_____	Date: Nov. 16 2016

SCHEDULE "A" to Assignment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
DE	EPC	602009011931.1	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Verfahren Zum Bestimmen Der Pose Einer Kamera Mit Bezug Auf Mindestens Ein Reales Objekt
EP	PCT	09777521.7	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Method For Determining The Pose Of A Camera With Respect To At Least One Real Object
ES	EPC	09777521.7	07/29/2009	2399636	12/12/2012	2382599	11/02/2011	Metodo Para Determinar La Postura De Una Camara Con Respecto A Por Lo Menos Un Objeto Real
FI	EPC	09777521.7	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Method For Determining The Pose Of A Camera With RespectTo At Least One Real Object

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
FR	EPC	09777521.7	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Procede Pour Determiner La Pose D Une Camera Par Rapport A Au Moins Un Objet Reel
GB	EPC	09777521.7	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Method For Determining The Pose Of A Camera With Respect To At Least One Real Object
IE	EPC	09777521.7	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Method For Determining The Pose Of A Camera With Respect To At Least One Real Object
IT	EPC	09777521.7	07/29/2009	2382599	12/12/2012	2382599	11/02/2011	Method For Determining The Pose Of A Camera With Respect To At Least One Real Object
US	PCT	13/380,421	07/29/2009	9,111,347	08/18/2015	US-2012-0120199-A1	05/17/2012	Method For Determining The Pose Of A Camera With Respect To At Least One Real Object

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-PRI	PCT/EP2009/005495	07/29/2009			WO/2011/012142	02/03/2011	Method For Determining The Pose Of A Camera With Respect To At Least One Real Object
DE	Utility-PRI	10301849.2	01/20/2003	10301849.2	03/01/2007	10301849.2	08/05/2004	"System Und Verfahren Zur Statischen Einblendung Von Virtuellen Objekten In Reale Umgebungen"
DE	Utility-PRI	10360448.0	12/22/2003					Tracking System Für Mobile Anwendungen
DE	Utility-ORG	102004061842.9	12/22/2004			102004061842.9	07/14/2005	Tracking System Für Mobile Anwendungen
DE	Utility-PRI	10360447.2	12/22/2003					Markerloses Tracking System Für Augmented Reality Anwendungen
DE	Utility-ORG	102004061841.0	12/22/2004	102004061841.0	09/16/2010	102004061841.0	07/14/2005	Markerloses Tracking System Für Augmented Reality Anwendungen
DE	Utility-PRI	102005025470.5	06/02/2005	102005025470	12/20/2007	102005025470.5	12/07/2006	Verfahren Und System Zur Ermittlung Der

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Position Und Orientierung Einer Kamera Relativ Zu Einem Realen Objekt
DE	Utility Model-PRI	20221454.0	06/27/2002	20221454	03/23/2006			System Zur Rumlichen Steuerung Von Rechnerspielen Durch Reale Objekte
DE	Utility-ORG	102005047481.0	10/04/2005			102005047481.0	04/05/2007	System Und Verfahren Zur Kalibrierung Optischer Sensoren, Insbesondere Für Augmented Reality Systeme
DE	Utility-PRI	102004047905.4	09/29/2004			102004047905.4	04/20/2006	System Und Verfahren Zur Kalibrierung Optischer Sensoren, Insbesondere Für Augmented Reality Systeme
DE	Utility-PRI	102005060980.5	12/20/2005	102005060980	10/25/2012	102005060980.5	06/21/2007	Verfahren Und System Zur Bestimmung Eines Kollisionsfreien Dreidimensionalen Raumvolumens

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Entlang Eines Bewegungspfades Gegenber Einer Realen Umgebung
DE	Utility-PRI	102007001266.9	01/08/2007			102007001266.9	07/10/2008	Optische Anordnung, Insbesondere Für Ein Head-Up-Display
DE	Utility-PRI	102005061952.5	12/23/2005	102005061952	09/11/2008	102005061952.5	06/28/2007	Verfahren Und System Zur Bestimmung Einer Ungenauigkeitsinformation In Einem Augmented Reality System
JP	Utility-ORG	2006-342145	12/20/2006	4484863	04/02/2010	2007-172621	07/05/2007	Method And System For Determining Inaccurate Information In Extended Reality Sensing System
US	Utility-ORG	11/614,155	12/21/2006	7,768,534	08/03/2010	US-2007-0146391-A1	06/28/2007	Method Of And System For Determining Inaccuracy Information In An Augmented Reality System

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
DE	Utility-PRI	102006005044.4	02/03/2006	102006005044	01/27/2011	102006005044.4	08/16/2007	Verfahren Und System Zur Bestimmung Eines Datenmodells Zur berlagerung Mit Einem Realen Objekt In Einem Verfahren Zur Objektverfolgung
DE	Utility-ORG	102006055893.6	11/27/2006			102006055893.6	05/29/2008	Verfahren Und System Zur Bestimmung Eines Datenmodells Zur berlagerung Mit Einem Realen Objekt In Einem Verfahren Zur Objektverfolgung
JP	Utility-ORG	2007-023037	02/01/2007	4531069	06/18/2010	2007-207251	08/16/2007	Method Of And System For Determining Data Model Designed For Being Superposed With Image Of Real Object
US	Utility-ORG	11/668,495	01/30/2007	7,889,193	02/15/2011	US-2007-0182739-A1	08/09/2007	Method Of And System For Determining A Data Model Designed For Being Superposed

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								With An Image Of A Real Object In An Object Tracking Process
CN	PCT	200880025195.8	07/03/2008	ZL200880025195.8	12/26/2012	10785026	07/21/2010	Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
DE	Utility-PRI	102007033486.0	07/18/2007	102007033486	06/17/2010	102007033486.0	01/22/2009	Verfahren Und System Zur Vermischung Eines Virtuellen Datenmodells Mit Einem Von Einer Kamera Oder Einer Darstellungsvorrichtung Generierten Abbild
DE	EPC	502008012542.6	07/03/2008	502008012542.6	12/24/2014			Verfahren Und System Zur Ermittlung Der Position Und Orientierung Einer Kamera Relativ Zu Einem Realen Objekt

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
EP	PCT	08773853.0	07/03/2008	2176833	12/24/2014	2176833	04/21/2010	Method And System For Ascertaining The Position And Orientation Of A Camera Relative To A Real Object
FR	EPC	08773853.0	07/03/2008	2176833	12/24/2014			Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
GB	EPC	08773853.0	07/03/2008	2176833	12/24/2014			Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
IT	EPC	08773853.0	07/03/2008	2176833	12/24/2014			Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
JP	PCT	2010-516394	07/03/2008	5378374	10/04/2013	2010-534013	10/28/2010	Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
NL	EPC	08773853.0	07/03/2008	2176833	12/24/2014			Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
SE	EPC	08773853.0	07/03/2008	2176833	12/24/2014			Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
US	PCT	12/669,411	07/03/2008	9,008,371	04/14/2015	US-2010-0239121-A1	09/23/2010	Method And System For Ascertaining The Position And Orientation Of A Camera Relative To A Real Object
WO	Utility-ORG	PCT/EP2008/005447	07/03/2008			WO/2009/010195	01/22/2009	Method And System For Determining The Position And Orientation Of A Camera Relative To A Real Object
EP	PCT	09723819.0	03/26/2009			2279500	02/02/2011	Composite Image Generating System, Overlaying Condition Determining Method, Image

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Processing Apparatus, And Image Processing Program
JP	Utility-PRI	2008-082886	03/27/2008	2009-237878	10/15/2009			Composite Image Generating System, Overlaying Condition Determining Method, Image Processing Apparatus, And Image Processing Program
US	PCT	12/934,875	03/26/2009	8,614,747	12/24/2013	US-2011-0090343-A1	04/21/2011	Composite Image Generating System, Overlaying Condition Determining Method, Image Processing Apparatus, And Image Processing Program
WO	Utility-ORG	PCT/EP2009/002236	03/26/2009			WO/2009/118184	10/01/2009	Composite Image Generating System, Overlaying Condition Determining Method, Image

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Processing Apparatus, And Image Processing Program
DE	Utility-PRI	102007045834.9	09/25/2007	2206089	06/29/2016	102007045834.9	04/02/2009	Verfahren Und Vorrichtung Zum Darstellen Eines Virtuellen Objekts In Einer Realen Umgebung
DE	Utility-PRI	102007045835.7	09/25/2007	102007045835	12/20/2012	102007045835.7	04/02/2009	Verfahren Und Vorrichtung Zum Darstellen Eines Virtuellen Objekts In Einer Realen Umgebung
DE	EPC	502008013738.6	09/23/2008	2206090	01/06/2016	2206090	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
EP	PCT	08802539.0	09/23/2008		06/29/2016	2206089	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
EP	PCT	08802540.8	09/23/2008	2206090	01/06/2016	2206090	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
FR	EPC	08802540.8	09/23/2008	2206090	01/06/2016	2206090	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
FR	EPC	08802539.0	09/23/2008	2206089	06/29/2016	2206089	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
GB	EPC	08802540.8	09/23/2008	2206090	01/06/2016	2206090	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
GB	EPC	08802539.0	09/23/2008	2206089	06/29/2016	2206089	07/14/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
JP	PCT	2010-526203	09/23/2008	5133418	11/16/2012	2010-541053	12/24/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
JP	PCT	2010-526204	09/23/2008					Method And Device For Illustrating A Virtual Object In A Real Environment
JP	Utility-DIV	2012-155127	09/23/2008	5603377	08/29/2014	2012-226766	11/15/2012	Method And Device For Drawing Virtual Object In Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
JP	Utility-DIV	2014-168046	09/23/2008			2014-238883	12/18/2014	Method And Device For Illustrating A Virtual Object In A RealEnvironment
JP	Utility-DIV	2016-195717	09/23/2008					Method And Device For Illustrating A Virtual Object In A RealEnvironment
US	PCT	12/680,125	09/23/2008	9,390,560	07/12/2016	US-2010-0287511-A1	11/11/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
US	PCT	12/680,117	09/23/2008	9,165,405	10/20/2015	US-2010-0289817-A1	11/18/2010	Method And Device For Illustrating A Virtual Object In A Real Environment
US	Utility-CON	14/887,280	10/19/2015					Method And Device For Illustrating A Virtual Object In A Real Environment
US	Utility-CON	15/205,899	07/08/2016					Method and Apparatus for Representing a Virtual Object in a Real Environment
WO	Utility-ORG	PCT/EP2008/008054	09/23/2008			WO/2009/040093	04/02/2009	Method And Device For Illustrating A Virtual Object In A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-ORG	PCT/EP2008/008055	09/23/2008			WO/2009/040094	04/02/2009	Method And Device For Illustrating A Virtual Object In A Real Environment
EP	PCT	08716550.2	03/14/2008			2255524	12/01/2010	Method And System For Displaying An Image Generated By At Least One Camera
JP	PCT	2010-550033	03/14/2008	5249359	04/19/2013	2011-517879	06/16/2011	Method And System For Displaying An Image Generated By At Least One Camera
US	PCT	12/921,934	03/14/2008	8,659,613	02/25/2014	US-2011-0001760-A1	01/06/2011	Method And System For Displaying An Image Generated By At Least One Camera
WO	Utility-PRI	PCT/EP2008/002058	03/14/2008			WO/2009/112057	09/17/2009	Method And System For Displaying An Image Generated By At Least One Camera
DE	Utility-PRI	10127396.7	06/06/2001			10127396.7	12/20/2001	Verfahren Zum Verwerten Eines Altfahrzeugs
CN	PCT	200880132086.6	11/25/2008	ZL200880132086.6	05/27/2015	102224498	10/19/2011	Computer-Implemented Method For

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Providing Location Related Content To A Mobile Device
CN	Utility-DIV	201510204771.7	11/25/2008			CN104866529A	08/26/2015	Computer-Implemented Method For Providing Location RelatedContent To A Mobile Device
EP	PCT	08875039.3	11/25/2008			2380096	10/26/2011	Computer-Implemented Method For Providing Location Related Content To A Mobile Device
US	PCT	13/131,194	11/25/2008			US-2011-0276556-A1	11/10/2011	Computer-Implemented Method For Providing Location Related Content To A Mobile Device
WO	Utility-PRI	PCT/EP2008/009983	11/25/2008			WO/2010/060440	06/03/2010	Computer-Implemented Method For Providing Location Related Content To A Mobile Device
DE	EPC	08875012.0	11/10/2008	602008031942.3	04/30/2014			Verfahren Und System Zum Analysieren Eines

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								Durch Mindestens Eine Kamera Erzeugten Bildes
EP	PCT	08875012.0	11/10/2008	2356583	04/30/2014	2356583	08/17/2011	Method And System For Analyzing An Image Generated By At Least One Camera
ES	EPC	08875012.0	11/10/2008	2356583	04/30/2014			Method And System For Analysing An Image GeneratedBy At Least One Camera
FR	EPC	08875012.0	11/10/2008	2356583	04/30/2014			Method And System For Analysing An Image GeneratedBy At Least One Camera
GB	EPC	08875012.0	11/10/2008	2356583	04/30/2014			Method And System For Analysing An Image GeneratedBy At Least One Camera
IT	EPC	08875012.0	11/10/2008	2356583	04/30/2014			Method And System For Analysing An Image GeneratedBy At Least One Camera

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
US	PCT	13/128,372	11/10/2008	8,675,965	03/18/2014	US-2011-0280445-A1	11/17/2011	Method And System For Analyzing An Image Generated By At Least One Camera
US	Utility-CON	14/198,146	03/05/2014	9,262,678	02/16/2016	US-2014-0185878-A1	07/03/2014	Method And System For Analysing An Image Generated By At Least One Camera
US	Utility-CON	15/044,009	02/15/2016			US-2016-0246818-A1	08/25/2016	Method And System For Analysing An Image Generated By At Least One Camera
WO	Utility-PRI	PCT/EP2008/009481	11/10/2008			WO/2010/051825	05/14/2010	Method And System For Analysing An Image Generated By At Least One Camera
DE	EPC	602008038935.9	05/22/2008	2153409	07/08/2015	2153409	02/17/2010	Camera Pose Estimation Apparatus And Method For Augmented Reality Imaging
EP	PCT	08766896.8	05/22/2008	2153409	07/08/2015	2153409	02/17/2010	Camera Pose Estimation Apparatus And Method For

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Augmented Reality Imaging
JP	PCT	2010-509290	05/22/2008	5243529	04/12/2013	2010-532465	10/07/2010	Camera Pose Estimation Apparatus And Method For Augmented Reality Imaging
JP	Utility-DIV	2013-78439	05/22/2008	5668091	12/19/2014	2013-178252	09/09/2013	Camera Pose Estimation Apparatus And Method For Augmented Reality Imaging
NO	Utility-PRI	20072616	05/22/2007	327279	06/02/2009	20072616	11/24/2008	Kameraposituresti meringsanordning Og-Fremgangsmåte For Forøket Virkelighetsavbildni ng
US	PCT	12/601,188	05/22/2008	8,452,080	05/28/2013	US-2010-0232727-A1	09/16/2010	Camera Pose Estimation Apparatus And Method For Augmented Reality Imaging
US	Utility-CON	13/900,158	05/22/2013			US-2013-0335529-A1	12/19/2013	Camera Pose Estimation Apparatus And

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Method For Augmented Reality Imaging
WO	Utility-ORG	PCT/NO2008/000178	05/22/2008			WO2008/143523	11/27/2008	Camera Pose Estimation Apparatus And Method For Augmented Reality Imaging
DE	Utility-PRI	10127826.8	06/08/2001			10127826	12/19/2002	Determination Of The Instantaneous Orientation Of The Eye, As Required
DE	EPC	50112749.6	10/08/2001	50112749.6	07/18/2007	50112749.6	01/18/2002	Vorrichtung Zur Bestimmung Der Orientierung Eines Auges
DE	EPC	50116221.6	10/08/2001	1840627	12/12/2012			Vorrichtung Und Verfahren Zur Bestimmung Der Orientierung Eines Auges
DE	EPC	50015820.7	10/07/2000	50015820.7	12/09/2009	1430349		Informationssystem
EP	PCT	01986772.0	10/08/2001	1405122	07/18/2007	1405122	04/07/2004	Vorrichtung Zur Bestimmung Der Orientierung Eines Auges

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
EP	PCT	00971341.3	10/07/2000	1430349	12/09/2009	1430349	06/23/2004	Informationssystem
EP	Utility-DIV	07013946.4	10/08/2001	1840627	12/12/2012	1840627	02/27/2008	Method And Device For Determining The Orientation Of An Eye
ES	EPC	07013946.4	10/08/2001	1840627	12/12/2012			Dispositivo Y Procedimiento Para La Determinacin De La Orientacin De Un Ojo
FR	EPC	07013946.4	10/08/2001	1840627	12/12/2012			Dispositif Et Procédé Destinés à La Détermination De L'Orientation D'Un Oeil
FR	EPC	00971341.3	10/07/2000	1430349	12/09/2009	1430349	06/23/2004	Systeme D'Information
GB	EPC	07013946.4	10/08/2001	1840627	12/12/2012			Method And Device For Determining The Orientation Of An Eye
GB	EPC	00971341.3	10/07/2000	1430349	12/09/2009			Information System
US	PCT	10/551,445	10/08/2001	7,641,342	01/05/2010	US-2007-0109619-A1	05/17/2007	Information System And Method For Providing

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Information Using A Holographic Element
US	PCT	10/551,443	10/08/2001	8,113,657	02/14/2012	US-2010-0045933-A1	02/25/2010	Device And Method For Determining The Orientation Of An Eye
US	PCT	10/551,650	10/07/2000	8,042,947	10/25/2011			Information System
US	Utility-CON	12/646,670	12/23/2009	8,016,421	09/13/2011	US-2010-0188638-A1	07/29/2010	Information System And Method For Providing Information Using A Holographic Element
US	Utility-CON	13/223,825	09/01/2011	8,944,602	02/03/2015	US-2012-0008092-A1	01/12/2012	Information System And Method For Providing Information Using A Holographic Element
US	Utility-CON	14/572,264	12/16/2014	9,427,154	08/30/2016	US-2015-0098061-A1	04/09/2015	Information System And Method For Providing Information Using A Holographic Element

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
US	Utility-CON	15/235,845	08/12/2016					Information System And Method For Providing Information Using A Holographic Element
US	Utility-DIV	13/300,691	11/21/2011	8,382,285	02/26/2013	US-2012-0300978-A1	11/29/2012	Device And Method For Determining The Orientation Of An Eye
US	Utility-DIV	13/749,945	01/25/2013			US-2013-0135181-A1	05/30/2013	Device And Method For Determining The Orientation Of An Eye
WO	Utility-PRI	PCT/EP2001/005886	05/22/2001			WO2002/097511	12/05/2002	Method And Device For Matching An Optical System To The Line Of Sight Of The Human Eye
WO	Utility-PRI	PCT/EP2000/009842	10/07/2000			WO2002/031579	04/18/2002	Method and Device For Transferring Optical Information Onto The Human Retina
WO	Utility-PRI	PCT/EP2000/009841	10/07/2000			WO2002/0315578	04/24/2002	Information System
WO	Utility-PRI	PCT/EP2000/009840	10/07/2000			WO2002/031577	04/18/2002	Information System Which Detects An Image Of the

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Outside World On The Retina
WO	Utility-PRI	PCT/EP2000/009843	10/07/2000			WO2002/031580	04/18/2002	Information System
WO	Utility-PRI	PCT/EP2001/011633	10/08/2001			WO2002/033472	04/25/2002	Information System And Method For Providing InformationUsing A Holographic Element
WO	Utility-ORG	PCT/EP2001/011634	10/08/2001			WO2002/031581	04/18/2002	Device And Method For Determining The Orientation of An Eye
CN	PCT	201080036494.9	08/13/2010	ZL201080036494.9	04/29/2015	102473324	05/23/2012	Verfahren Zur Darstellung Von Virtueller Information In Einer Realen Umgebung Method For Representing Virtual Information In A Real Environment
CN	Utility-DIV	201510144527.6	08/13/2010			104731337	06/24/2015	Method For Representing Virtual Information In A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
DE	Utility-PRI	102009037835.9	08/18/2009	102009037835	12/06/2012	102009037835.9	02/24/2011	Verfahren Zur Darstellung Von Virtueller Information In Einer Realen Umgebung
EP	PCT	10744693.2	08/13/2010			2467833	06/27/2012	Method For Representing Virtual Information In A Real Environment
US	PCT	13/391,589	08/13/2010	8,896,629	11/25/2014	US-2012-0176410-A1	07/12/2012	Method For Representing Virtual Information In A Real Environment
US	Utility-CON	14/502,366	09/30/2014			US-2015-0015611-A1	01/15/2015	Method For Representing Virtual Information In A Real Environment
WO	Utility-ORG	PCT/EP2010/061841	08/13/2010			WO/2011/020793	04/21/2011	Method For Representing Virtual Information In A Real Environment
CN	PCT	201080045773.1	10/11/2010	ZL201080045773.1	08/26/2015	102598064	07/18/2012	Verfahren Zur Darstellung Von Virtueller Information InEiner Ansicht Einer Realen Umgebung
CN	Utility-DIV	201510468220.1	10/11/2010			CN105046752A	11/11/2015	Method For Representing Virtual Information In A

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								View Of A Real Environment
DE	Utility-PRI	102009049073.6	10/12/2009			102009049073.6	04/21/2011	Verfahren Zur Darstellung Von Virtueller Information In Einer Ansicht Einer Realen Umgebung
EP	PCT	10768226.2	10/11/2010			2489013	08/22/2012	Verfahren Zur Darstellung Von Virtueller Information In Einer Ansicht Einer Realen UmgebungMethod For Representing Virtual Information In A View Of A Real Environment
JP	PCT	2012-532629	10/11/2010	5582548	07/25/2014	2013-507677	03/04/2013	Verfahren Zur Darstellung Von Virtueller Information In Einer Ansicht Einer Realen Umgebung
US	PCT	13/501,697	10/11/2010	9,001,154	04/07/2015	US-2012-0218263-A1	08/30/2012	Method For Representing Virtual Information In A View Of A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
US	Utility-CON	14/616,213	02/06/2015			US-2015-0154803-A1	06/04/2015	Method For Representing Virtual Information In A View Of A Real Environment
WO	Utility-ORG	PCT/EP2010/065207	10/11/2010			WO/2011/045276	04/21/2011	Method For Representing Virtual Information In A View Of A Real Environment
CN	PCT	201080046762.5	05/28/2010			102612704	07/25/2012	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features
CN	PCT	201080057475.4	09/16/2010			102667855	09/12/2012	Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real Environment
CN	Utility-DIV	201610898928.5	09/16/2010					Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
DE	Utility-PRI	102009049849.4	10/19/2009			102009049849.4	04/21/2011	Verfahren Zur Bestimmung Der Pose Einer Kamera Und Zur Erkennung Eines Objekts Einer Realen Umgebung
EP	PCT	10722691.2	05/28/2010			2491529	08/29/2012	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features
EP	PCT	10752839.0	09/16/2010			2491530	08/29/2012	Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real Environment
JP	PCT	2012-533534	05/28/2010			2013-508794	03/07/2013	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features
JP	PCT	2012-533553	09/16/2010			2013-508795	03/07/2013	Method For Determining The Pose Of A Camera And For Recognizing

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								An Object Of A Real Environment
JP	Utility-DIV	2014-161137	05/28/2010	5905540	03/25/2016	2014-241155	12/25/2014	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features
JP	Utility-DIV	2014-223180	09/16/2010	5980295	08/05/2016	2015-084229	04/30/2015	Verfahren Zur Bestimmung Der Pose Einer Kamera Und Zur Erkennung Eines Objekts Einer Realen Umgebung
US	PCT	13/502,952	05/28/2010	8,942,418	01/27/2015	US-2012-0219188-A1	08/30/2012	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features
US	PCT	13/502,959	09/16/2010	8,837,779	09/16/2014	US-2012-0237085-A1	09/20/2012	Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Environment
US	Utility-CON	14/329,547	07/11/2014	9,218,665	12/22/2015	US-2014-0321708-A1	10/30/2014	Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real Environment
US	Utility-CON	14/567,668	12/11/2014			US-2015-0092987-A1	04/02/2015	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features
US	Utility-CON	14/977,288	12/21/2015			US-2016-0189384-A1	06/30/2016	Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real Environment
WO	Utility-ORG	PCT/EP2010/057461	05/28/2010			WO/2011/047888	04/28/2011	Method Of Providing A Descriptor For At Least One Feature Of An Image And Method Of Matching Features

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-ORG	PCT/EP2010/063589	09/16/2010			WO/2011/047924	04/28/2011	Method For Determining The Pose Of A Camera And For Recognizing An Object Of A Real Environment
CN	Utility-ORG	201010624963.0	12/23/2010	201010624963.0	07/15/2015	102110228	06/29/2011	Method Of Determining Reference Features For Use In An Optical Object Initializationtracking Process And Object Initialization Tracking Method
DE	EPC	602009036442.1	12/23/2009	2339537	02/24/2016	2339537	06/29/2011	Method Of Determining Reference Features For Use In An Optical Object Initialization Tracking Process And Object Initialization Tracking Method
EP	Utility-PRI	09180616.6	12/23/2009	2339537	02/24/2016	2339537	06/29/2011	Method Of Determining Reference Features For Use In An Optical Object

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Initialization Tracking Process And Object Initialization Tracking Method
FR	EPC	09180616.6	12/23/2009	2339537	02/24/2016	2339537	06/29/2011	Method Of Determining Reference Features For Use In An Optical Object Initialization Tracking Process And Object Initialization Tracking Method
GB	EPC	09180616.6	12/23/2009	2339537	02/24/2016	2339537	06/29/2011	Method Of Determining Reference Features For Use In An Optical Object Initialization Tracking Process And Object Initialization Tracking Method
US	Utility-ORG	12/977,859	12/23/2010	8,805,002	08/12/2014	US-2011-0194731-A1	08/11/2011	Method Of Determining Reference Features For Use In An Optical Object

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Initialization Tracking Process And Object Initialization Tracking Method
US	Utility-CON	14/304,370	06/13/2014	8,913,792	12/16/2014	US-2014-0321705-A1	10/30/2014	Method Of Determining Reference Features For Use In An Optical Object Initialization Tracking Process And Object Initialization Tracking Method
US	Provisional	61/289,763	12/23/2009					Method Of Determining Reference Features For Use In An Optical Object Initialization Tracking Process And Object Initialization Tracking Method
CN	PCT	201180011462.8	02/28/2011	201180011462.8	07/15/2015	102834799	12/19/2012	Method Of Displaying Virtual Information In A View Of A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
EP	Utility-PRI	10155026.7	03/01/2010					Method Of Displaying Virtual Information In A View Of A Real Environment
EP	PCT	11707626.5	02/28/2011			2542957	01/09/2013	Method Of Displaying Virtual Information In A View Of A Real Environment
US	PCT	13/582,314	02/28/2011	9,170,766	10/27/2015	US-2013-0057581-A1	03/07/2013	Method Of Displaying Virtual Information In A View Of A Real Environment
US	Utility-CON	14/923,293	10/26/2015			US-2016-0210786-A1	07/21/2016	Method Of Displaying Virtual Information In A View Of A Real Environment
WO	Utility-ORG	PCT/EP2011/052900	02/28/2011			WO/2011/107423	09/09/2011	Method Of Displaying Virtual Information In A View Of A Real Environment
DE	EPC	50015951.3	10/07/2000	1430350	06/30/2010			Information System

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
EP	PCT	00972697.7	10/07/2000	1430350	06/30/2010	1430350	06/23/2004	Information System
FR	EPC	00972697.7	10/07/2000	1430350	06/30/2010			Information System
GB	EPC	00972697.7	10/07/2000	1430350	06/30/2010			Information System
WO	Utility-PRI	PCT/EP2000/009841	10/07/2000			WO2002/031578	04/18/2002	Information System
DE	Utility-PRI	10103922.0	01/30/2001			10103922	08/01/2002	Interactive Data View And Command System
US	Utility-ORG	10/066,292	01/30/2002	7,245,273	07/17/2007	US-2002-0101568-A1	08/01/2002	Interactive Data View And Command System
US	Utility-CON	11/783,408	04/09/2007	7,969,383	06/28/2011	US-2008-0157946-A1	07/03/2008	Interactive Data View And Command System
US	Utility-CON	13/109,260	05/17/2011	8,686,923	04/01/2014	US-2011-0254698-A1	10/20/2011	Interactive Data View And Command System
CN	PCT	201080071153.5	12/21/2010	ZL201080071153.5	08/31/2016	103649998	03/19/2014	Method For Determining A Parameter Set Designed For Determining The

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real Object
DE	EPC		12/21/2010					Method For Determining A Parameter Set Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real Object
EP	PCT	10803236.8	12/21/2010			2656309	10/30/2013	Method For Determining A Parameter Set Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Object
FR	EPC		12/21/2010					Method For Determining A Parameter Set Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real Object
GB	EPC		12/21/2010					Method For Determining A Parameter Set Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real Object
US	PCT	13/996,408	12/21/2010	9,208,563	12/08/2015	US-2014-0050357-A1	02/20/2014	Method For Determining A Parameter Set

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real Object
US	Utility-CON	14/961,557	12/07/2015					Method For Determining A Parameter Set Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional Structure Of The At Least One Real Object
WO	Utility-PRI	PCT/EP2010/007831	12/21/2010			WO/2012/083982	06/28/2012	Method For Determining A Parameter Set Designed For Determining The Pose Of A Camera And/Or For Determining A Three-Dimensional

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Structure Of The At Least One Real Object
CN	PCT	201180065956.4	01/27/2011			103415860	11/27/2013	Method For Determining Correspondences Between A First And A Second Image, And Method For Determining The Pose Of A Camera
EP	PCT	11703630.1	01/27/2011			2668617	04/12/2013	Method For Determining Correspondences Between A First And A Second Image, And Method For Determining The Pose Of A Camera
US	PCT	13/982,177	01/27/2011	9,235,894	01/12/2016	US-2014-0037140-A1	06/02/2014	Method For Determining Correspondences Between A First And A Second Image, And Method For Determining The Pose Of A Camera
US	Utility-CON	14/992,696	01/11/2016					Method For Determining Correspondences

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Between A First And A Second Image, And Method For Determining The Pose Of A Camera
WO	Utility-PRI	PCT/EP2011/051142	01/27/2011			WO/2012/100829	08/02/2012	Method For Determining Correspondences Between A First And A Second Image, And Method For Determining The Pose Of A Camera
CN	PCT	201180069485.4	03/23/2011			103597513	02/19/2014	Method For Registering At Least One Part Of A First And Second Image Using A Collineation Warping Function
EP	PCT	11710491.9	03/23/2011			2689393	01/29/2014	Method For Registering At Least One Part Of A First And Second Image Using A Collineation Warping Function
JP	PCT	2014-500263	03/23/2011	5781682	07/24/2015	2014-514539		Method For Registering At Least One Part Of A First And Second Image Using A Collineation

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Warping Function
US	PCT	14/006,859	03/23/2011	9,213,908	12/15/2015	US-2014-0086494-A1	03/27/2014	Method For Registering At Least One Part Of A First And Second Image Using A Collineation Warping Function
US	Utility-CON	14/967,972	12/14/2015					Method For Registering At Least One Part Of A First And Second Image Using A Collineation Warping Function
WO	Utility-PRI	PCT/EP2011/054456	03/23/2011			WO/2012/126522	09/27/2012	Method For Registering At Least One Part Of A First And Second Image Using A Collineation Warping Function
DE	Utility-PRI	10028382.9	06/13/2000					Method For Testing A Product For Quality Defects
EP	PCT	01940559.6	06/09/2001	1295099	09/14/2011	1295099	03/26/2003	Method For Testing A Product For Quality Defects
ES	EPC	01940559.6	06/09/2011	2373432	09/14/2011	1295099	03/26/2003	Method For Testing A Product For Quality Defects

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
FR	EPC	01940559.6	06/09/2011	1295099	09/14/2011	1295099	03/26/2003	Method For Testing A Product For Quality Defects
GB	EPC	01940559.6	06/09/2011	1295099	09/14/2011	1295099	03/26/2003	Method For Testing A Product For Quality Defects
IT	EPC	01940559.6	06/09/2011	1295099	09/14/2011	1295099	03/26/2003	Method For Testing A Product For Quality Defects
WO	Utility-ORG	PCT/EP2001/006551	06/09/2001			WO/2001/096829	12/20/2001	Method For Testing A Product For Quality Defects
CN	PCT	201180073209.5	08/31/2011			103988226	08/13/2014	Method For Estimating A Camera Motion And For Determining A Three-Dimensional Model Of A Real Environment
CN	PCT	201180073205.7	08/31/2011			103959308	07/30/2014	Method For Estimating A Camera Motion And For DeterminingA Three-Dimensional Model Of A Real Environment
CN	PCT	201180073206.1	08/31/2011			103959307	07/30/2014	Method Of Detecting And Describing Features

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								From AnIntensity Image
EP	PCT	11754644.0	08/31/2011			2751777	07/09/2014	Method For Estimating A Camera Motion And For Determining A Three-Dimensional Model Of A Real Environment
EP	PCT	11764490.6	08/31/2011			2751742	07/09/2014	Method Of Matching Image Features With Reference Features
EP	PCT	11749204.1	08/31/2011			2761535	08/06/2014	Method Of Detecting And Describing Features From An Intensity Image
JP	PCT	PCT/EP2011/065002	08/31/2011					Method Of Matching Image Features With Reference Features
TW	Utility-ORG	101129955	08/17/2012			201319955	05/16/2013	Method Of Matching Image Features With Reference Features

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
US	PCT	14/240,995	08/31/2011			US-2014-0293016-A1	10/02/2014	Method For Estimating A Camera Motion And For DeterminingA Three-Dimensional Model Of A Real Environment
US	PCT	14/240,988	08/31/2011	9,400,941	07/26/2016	US-2015-0161476-A1	06/11/2015	Method Of Matching Image Features With Reference Features
US	PCT	14/240,978	08/31/2011			US-2014-0254874-A1	09/11/2014	Method Of Detecting And Describing Features From An Intensity Image
WO	Utility-PRI	PCT/EP2011/065007	08/31/2011			WO/2013/029675	03/07/2013	Method For Estimating A Camera Motion And For Determining A Three-Dimensional Model Of A Real Environment
WO	Utility-PRI	PCT/EP2011/064999	08/31/2011			WO/2013/029673	03/07/2013	Method Of Detecting And Describing Features From An Intensity Image

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-PRI	PCT/EP2011/065002	08/31/2011			WO/2013/029674	03/07/2013	Method Of Matching Image Features With Reference Features
CN	PCT	201180076241.9	11/18/2011					Method Of Matching Image Features With Reference Features And Integrated Circuit Therefor
EP	PCT	11785667.4	11/18/2011			2780861	09/24/2014	Method Of Matching Image Features With Reference Features And Integrated Circuit Therefor
TW	Utility-ORG	101139468	10/25/2012			201329908	07/16/2013	Method Of Matching Image Features With Reference Features And Integrated Circuit Therefor
US	PCT	14/359,029	11/18/2011	9,378,431	06/28/2016	US-2015-0049955-A1	02/19/2015	Method of Matching Image Features with Reference Features and Integrated Circuit Therefor

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-PRI	PCT/EP2011/070489	11/18/2011			WO/2013/071981	05/23/2013	Method Of Matching Image Features With Reference Features And Integrated Circuit Therefor
CN	PCT	201280075186.6	08/07/2012			104520878	04/15/2015	A Method Of Providing A Feature Descriptor For Describing At Least One Feature Of An Object Representation
EP	PCT	12745841.2	08/07/2012			2883192	06/17/2015	A Method Of Providing A Feature Descriptor For Describing At Least One Feature Of An Object Representation
US	PCT	14/420,226	08/07/2012			US-2015-0302270-A1	10/22/2015	A Method Of Providing A Feature Descriptor For Describing At Least One Feature Of An Object Representation
WO	Utility-PRI	PCT/EP2012/065441	08/07/2012			2014/023338	02/13/2014	A Method Of Providing A Feature Descriptor For

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Describing At Least One Feature Of An Object Representation
CN	PCT	201280075940.6	09/27/2012			104662435	05/27/2015	Method Of Determining A Position And Orientation Of A Device Associated With A Capturing Device For Capturing At Least One Image
CN	PCT	201380049204.8	06/05/2013			104704384	06/10/2015	Image Processing Method, Particularly Used In A Vision-Based Localization Of A Device
EP	PCT	12775190.7	09/27/2012			2904417	08/12/2015	Method Of Determining A Position And Orientation Of A Device Associated With A Capturing Device For Capturing At Least One Image
EP	PCT	13728364.4	06/05/2013			2917754	09/16/2015	Image Processing Method, Particularly Used In A Vision-

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Based Localization Of A Device
JP	PCT	2015-533456	09/27/2012			2015-532077	11/05/2015	Method Of Determining A Position And Orientation Of A Device Associated With A Capturing Device For Capturing At Least One Image
JP	PCT	2015-532337	06/05/2013			2015-535980	12/17/2015	Image Processing Method, Particularly Used In A Vision-Based Localization Of A Device
US	PCT	14/430,170	09/27/2012			US-2015-0235367-A1	08/20/2015	Method Of Determining A Position And Orientation Of A Device Associated With A Capturing Device For Capturing At Least One Image
US	PCT	14/430,169	06/05/2013			US-2015-0245020-A1	08/27/2015	Image Processing Method, Particularly Used In A Vision-Based Localization

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Of A Device
WO	Utility-PRI	PCT/EP2012/069075	09/27/2012			2014/048475	04/03/2014	Method Of Determining A Position And Orientation Of A Device Associated With A Capturing Device For Capturing At Least One Image
WO	Utility-ORG	PCT/EP2013/061592	06/05/2013			2014/048590	04/03/2014	Image Processing Method, Particularly Used In A Vision-Based Localization Of A Device
EP	PCT	12772267.6	09/28/2012			2901413	08/05/2015	Method Of Image Processing For An Augmented Reality Application
US	PCT	14/430,162	09/28/2012			US-2015-0235424-A1	08/20/2015	Method Of Image Processing For An Augmented Reality Application
WO	Utility-PRI	PCT/EP2012/069247	09/28/2012			2014/048497	04/03/2014	Method Of Image Processing For An Augmented Reality Application

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
CN	PCT	201280078214.X	12/21/2012			CN104995665	10/21/2015	Method For Representing Virtual Information In A RealEnvironment
CN	PCT	201280078215.4	12/21/2012			CN104995666	10/21/2015	Image Processing Method, Particularly Used In A Vision-Based Localization Of A Device
EP	PCT	12813003.6	12/21/2012			2936441	10/28/2015	Method For Representing Virtual Information In A RealEnvironment
EP	PCT	12818782.0	12/21/2012			2936443	10/28/2015	Image Processing Method, Particularly Used In A Vision-Based Localization Of A Device
JP	PCT	2015-548230	12/21/2012			JP 2016-509394 A	03/24/2016	Method For Representing Virtual Information In A RealEnvironment
US	PCT	14/654,395	12/21/2012			US-2015-0332504-A1	11/19/2015	Method For Representing Virtual Information In A RealEnvironment
US	PCT	14/654,402	12/21/2012			US-2015-0332505-A1	11/19/2015	Method For Representing Virtual Information In A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-PRI	PCT/EP2012/076707	12/21/2012			2014/094881	06/26/2014	Method For Representing Virtual Information In A RealEnvironment
WO	Utility-PRI	PCT/EP2012/076701	12/21/2012			2014/094880	06/26/2014	Image Processing Method, Particularly Used In A Vision-Based Localization Of A Device
CN	PCT	201280078216.9	12/28/2012			CN105027562	11/04/2015	Method Of And System For Projecting Digital Information On A Real Object In A Real Environment
EP	PCT	12816676.6	12/28/2012			2939423	11/04/2015	Method Of And System For Projecting Digital Information On A Real Object In A Real Environment
JP	PCT	2015-549997	12/28/2012					Method Of And System For Projecting Digital Information On A Real Object In A Real Environment
US	PCT	14/758,121	12/28/2012			US-2015-0350618-A1	12/03/2015	Method Of And System For Projecting Digital

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Information On A Real Object In A Real Environment
WO	Utility-PRI	PCT/EP2012/077060	12/28/2012			2014/101955	07/03/2014	Method Of And System For Projecting Digital Information On A Real Object In A Real Environment
CN	Utility-ORG	201410060643.5	02/21/2014			104007817	08/27/2014	A Wearable Information System Having At Least One Camera
EP	Utility-PRI	13000872.5	02/21/2013					A Wearable Information System Having At Least One Camera
EP	Utility-ORG	14154355.3	02/07/2014			2770783	08/27/2014	A Wearable Information System Having At Least One Camera
US	Utility-ORG	14/186,635	02/21/2014			US-2015-0244935-A1	08/27/2015	A Wearable Information System Having At Least One Camera
US	Utility-CON	15/273,591	09/22/2016					Wearable Information System Having At Least One Camera

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
US	Utility-PRI	13/963,766	08/09/2013			US-2015-0042755-A1	02/12/2015	3D Printer Pose
US	Utility-PRI	13/963,736	08/09/2013			US-2015-0042678-A1	02/12/2015	Method For Visually Augmenting A Real Object With A Computer-Generated Image
CN	Utility-ORG	201510134695.7	03/25/2015			104952063	09/30/2015	Method And System For Representing A Virtual Object In A View Of A Real Environment
EP	PCT	15160294.3	03/23/2015			2933781	10/21/2015	Method And System For Representing A Virtual Object In A View Of A Real Environment
EP	PCT	14713085.0	03/25/2014					Method And System For Representing A Virtual Object In A View Of A Real Environment
HK	Registration		03/25/2015					Method And System For Representing A Virtual Object In A View Of A Real Environment

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
JP	Utility-ORG	2015-62627	03/25/2015			2015-185176	10/22/2015	Method And System For Representing A Virtual Object In A View Of A Real Environment
US	PCT	15/128,418	03/25/2014					Method And System For Representing A Virtual Object In A View Of A Real Environment
US	Utility-CIP	14/668,381	03/25/2015			US-2015-0279113-A1	10/01/2015	Method And System For Representing A Virtual Object In A View Of A Real Environment
WO	Utility-PRI	PCT/EP2014/055938	03/25/2014			WO2015/144209	10/01/2015	Method And System For Representing A Virtual Object In A View Of A Real Environment
AU	PCT	2013401486	09/24/2013					Method For Representing Points Of Interest In A View Of A Real Environment On A Mobile Device And Mobile Device Therefor

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
CN	PCT	201380080463.7	09/24/2013					Method For Representing Points Of Interest In A View Of A Real Environment On A Mobile Device And Mobile Device Therefor
EP	PCT	13773654.2	09/24/2013			3 050 030	08/03/2016	Method For Representing Points Of Interest In A View Of A Real Environment On A Mobile Device And Mobile Device Therefor
KR	PCT	10-2016-7010182	09/24/2013			10-2016-0062056	06/01/2016	Method For Representing Points Of Interest In A View Of A Real Environment On A Mobile Device And Mobile Device Therefor
US	PCT	15/024,800	09/24/2013			US-2016-0240011-A1	08/19/2016	Method For Representing Points Of Interest In A View Of A Real Environment On A Mobile Device And

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Mobile Device Therefor
WO	Utility-PRI	PCT/EP2013/069844	09/24/2013			WO2015/043620	04/02/2015	Method For Representing Points Of Interest In A View Of A Real Environment On A Mobile Device And Mobile Device Therefor
US	PCT	15/022,184	09/16/2013			US-2016-0232678-A1	08/11/2016	Method And System For Determining A Model Of At Least Part Of A Real Object
WO	Utility-PRI	PCT/EP2013/069148	09/16/2013			WO2015/036056	03/19/2015	Method And System For Determining A Model Of At Least Part Of A Real Object
US	PCT	15/028,474	10/09/2013			US-2016-0232657-A1	08/11/2016	Method And System For Determining A Pose Of A Camera
WO	Utility-PRI	PCT/EP2013/071037	10/09/2013			2015/051834	04/16/2015	Method And System For Determining A Pose Of A Camera
AU	PCT	2013402725	10/07/2013					Method And System For Providing Position Or

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Movement Information For Controlling At Least One Function Of A Vehicle
CN	PCT	201380081462.4	10/07/2013			CN105814604A	07/27/2016	Method And System For Providing Position Or Movement Information For Controlling At Least One Function Of A Vehicle
EP	PCT	13774401.7	10/07/2013					Method And System For Providing Position Or Movement Information For Controlling At Least One Function Of A Vehicle
JP	PCT	2016-522053	10/07/2013					Method And System For Providing Position Or Movement Information For Controlling At Least One Function Of A Vehicle

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
KR	PCT	10-2016-7011946	10/07/2013			10-2016-0068856	06/15/2016	Method And System For Providing Position Or Movement Information For Controlling At Least One Function Of an Environment
US	Utility-CIP	15/093,607	04/07/2016			US-2016-0225163-A1	08/04/2016	Method And System For Providing Position Or Movement Information For Controlling At Least One Function Of An Environment
AU	PCT-Utility Model	2016100369	10/07/2013	2016100369	04/21/2016			Method And System For Providing Position Or Movement Information For Controlling At Least One Function Of A Vehicle
WO	Utility-PRI	PCT/EP2013/070819	10/07/2013			2015/051818	04/16/2015	Method And System For Providing Position Or Movement Information For Controlling At Least

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								One Function Of A Vehicle
US	PCT	15/028,364	10/08/2013			US-2016-0259993-A1	09/08/2016	Method Of Determining A Similarity Transformation Between First And Second Coordinates Of 3D Features
WO	Utility-PRI	PCT/EP2013/070936	10/08/2013			WO2015/051827	04/16/2015	Method Of Determining A Similarity Transformation Between First And Second Coordinates Of 3D Features
EP	PCT	09719411.2	03/03/2009			2255522	12/01/2010	System And Method For Data Correlation And Mobile Terminal Therefor
US	PCT	12/920,740	03/03/2009	8,190,195	05/29/2012	US-2011-0077048-A1	03/31/2011	System And Method For Data Correlation And Mobile Terminal Therefor
DE	Utility Model-PRI	202008002980.5	03/03/2008	202008002980.5	09/18/2008	202008002980.5	10/23/2008	System Zur Datenkorrelation Und Mobilendgert Dafür

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
WO	Utility-ORG	PCT/EP2009/052500	03/03/2009			WO2009/112398	09/17/2009	System And Method For Data Correlation And Mobile Terminal Therefor
AU	PCT		12/19/2013					Method Of Tracking A Mobile Device And Method Of Generating A Geometrical Model Of A Real Environment Using A Camera Of A Mobile Device
CN	PCT	201380081725.1	12/19/2013			CN105849771A	08/10/2016	Slam on a Mobile Device
EP	PCT	13814913.3	12/19/2013			3084719	10/26/2016	Method Of Tracking A Mobile Device And Method Of Generating A Geometrical Model Of A Real Environment Using A Camera Of A Mobile Device
KR	PCT		12/19/2013			10-2016-0088909	07/26/2016	Method Of Tracking A Mobile Device And Method Of Generating A Geometrical Model

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Of A Real Environment Using A Camera Of A Mobile Device
US	Utility-CIP	15/167,391	05/27/2016					Method Of Tracking A Mobile Device And Method Of Generating A Geometrical Model Of A Real Environment Using A Camera Of A Mobile Device
WO	Utility-PRI	PCT/EP2013/077483	12/19/2013			WO 2015/09420	06/25/2015	Method Of Tracking A Mobile Device And Method Of Generating A Geometrical Model Of A Real Environment Using A Camera Of A Mobile Device
US	Utility-PRI	14/139,298	12/23/2013			US-2015-0178927-A1	06/25/2015	Method And System For Determining A Transformation Associated With A Capturing Device
US	PCT	15/100,355	12/19/2013			US-2016-0307374-A1	10/20/2016	Method And System For Providing Information

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Associated With A View Of A Real Environment Superimposed With A Virtual Object
WO	Utility-PRI	PCT/EP2013/077493	12/19/2013			WO 2015/09421	06/25/2015	Method And System For Providing Information Associated With A View Of A Real Environment Superimposed With A Virtual Object
US	PCT	15/103,228	12/12/2013					Method For Determining A Similarity Value Between A First Image And A Second Image
WO	Utility-PRI	PCT/EP2013/076387	12/12/2013			WO 2015/086076	06/18/2015	Method For Determining A Similarity Value Between A First Image And A Second Image
AU	PCT	2014382730	02/17/2014					Method And Device For Detecting A Touch Between A First Object And A Second Object

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
CN	PCT	201480075688.8	02/17/2014			CN105992988A	10/05/2016	Method And Device For Detecting A Touch Between A First Object And A Second Object
EP	PCT	14707346.4	02/17/2014					Method And Device For Detecting A Touch Between A First Object And A Second Object
US	Utility-CON	15/274,968	09/23/2016					Method And Device For Detecting A Touch Between A First Object And A Second Object
US	PCT	14/223,601	02/17/2014			US-2015-0234454-A1	08/20/2015	Method And Device For Detecting A Touch Between A First Object AndA Second Object
WO	Utility-PRI	PCT/EP2014/053017	02/17/2014			WO2015/120913	08/20/2015	Method And Device For Detecting A Touch Between A First Object AndA Second Object
US	Utility-PRI	14/186,844	02/21/2014			US-2015-0243031-A1	08/27/2015	Method And Device For Determining At Least One Object Feature Of An Object Comprised In

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								An Image
US	Utility-PRI	14/186,809	02/21/2014			US-2015-0243035-A1	08/27/2015	Method And Device For Determining A Transformation Between An Image Coordinate System And An Object Coordinate System Associated With An Object Of Interest
WO	Utility-PRI	PCT/EP2014/061483	06/03/2014			WO2015/185110	12/10/2015	Method And System For Presenting A Digital Information Related To A Real Object
EP	Utility-PRI	14183448.1	09/03/2014			2993612	03/09/2016	Apparatus And Method For Detecting A Feature In An Image
US	Utility-ORG	14/843,724	09/02/2015			US-2016-0063349-A1	03/03/2016	Apparatus And Method For Detecting A Feature In An Image
CN	Utility-ORG	201510080928.X	02/13/2015			CN105391970A	03/09/2016	Method And System For Providing At Least One Image CapturedBy A Scene Camera Of A Vehicle

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
US	Utility-CIP	14/581,609	12/23/2014			US-2016-0065903-A1	03/03/2016	Method And System For Determining At Least One Image Feature In At Least One Image
WO	Utility-PRI	PCT/EP2014/068165	08/27/2014			WO2016/029939	03/03/2016	Method And System For Determining At Least One Image Feature In At Least One Image
WO	Utility-PRI	PCT/EP2014/065843	07/23/2014			WO2016/012041	01/28/2016	Method And System For Presenting At Least Part Of An ImageOf A Real Object In A View Of A Real Environment, And MethodAnd System For Selecting A Subset Of A Plurality Of Images
WO	Utility-PRI	PCT/EP2014/071032	10/01/2014			WO2016/050290	04/07/2016	Method And System For Determining At Least One Property Related To At Least Part Of A Real Environment
WO	Utility-PRI	PCT/EP2014/075299	11/21/2014			WO2016/078728	05/26/2016	Method Of Determining Spatial Coordinates Of A 3D ReconstructionOf At

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Least Part Of A First Real Object At Absolute Scale
US	PCT	15/128,416	12/29/2014					Method And System For Generating At Least One Image Of A Real Environment
WO	Utility-PRI	PCT/EP2014/079380	12/29/2014			WO2016/107635	07/07/2016	Method And System For Generating At Least One Image Of AReal Environment
CN	PCT	201280074856.2	07/23/2012			104541290	04/22/2015	A Method Of Providing A Set Of Feature Descriptors ConfiguredTo Be Used In Matching At Least One Feature Of An Object InAn Image Of A Camera
EP	PCT	12737576.4	07/23/2012			2875471	05/27/2015	Method Of Providing Image Feature Descriptors
US	PCT	14/417,046	07/23/2012			US-2015-0294189-A1	10/15/2015	Method Of Providing Image Feature Descriptors
WO	Utility-PRI	PCT/EP2012/064422	07/23/2012			2014/015889	01/31/2014	Method Of Providing Image Feature Descriptors

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
DE	Utility-PRI	102007033485.2	07/18/2007			102007033485.2	01/22/2009	Verfahren Und System Zur Vermessung Eines Objekts Unter Verwendung Eines Sensorsystems
CN	PCT	201080016314.0	02/12/2010	ZL201080016314.0	08/05/2015	102395997	03/28/2012	Methods And Systems For Determining The Pose Of A Camera With Respect To At Least One Object Of A Real Environment
CN	Utility-DIV	201510393737.9	02/12/2010					Methods And Systems For Determining The Pose Of A Camera With Respect To At Least One Object Of A Real Environment
EP	PCT	10713797.8	02/12/2010			2396767	12/21/2011	Methods And Systems For Determining The Pose Of A Camera With Respect To At Least One Object Of A Real Environment
US	Utility-PRI	12/371,490	02/13/2009	8,970,690	03/03/2015	US-2010-0208057-A1	08/19/2010	Methods And Systems For Determining The

Country Code	Type of Patent (e.g., Utility, Design, etc.)	Patent Application No.	Filing Date	Grant Number	Grant Date	Publication Number	Publication Date	Title
								Pose Of A Camera With Respect To At Least One Object Of A Real Environment
US	Utility-DIV	14/633,386	02/27/2015			US-2015-0310666-A1	10/29/2015	Methods And Systems For Determining The Pose Of A Camera With Respect To At Least One Object Of A Real Environment
WO	Utility-ORG	PCT/EP2010/000882	02/12/2010			WO/2010/091875	08/19/2010	Methods And Systems For Determining The Pose Of A Camera With Respect To At Least One Object Of A Real Environment