

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4270691

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
SEQUENCE:	2	
CONVEYING PARTY DATA		
	Name	Execution Date
	THOMSON LICENSING	01/04/2016
RECEIVING PARTY DATA		
Name:	THOMSON LICENSING DTV	
Street Address:	1-5 RUE JEANNE D'ARC	
City:	ISSY-LES-MOULINEAUX	
State/Country:	FRANCE	
Postal Code:	92130	
PROPERTY NUMBERS Total: 1		
	Property Type	Number
	Application Number:	12664903
CORRESPONDENCE DATA		
Fax Number:		
<i>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.</i>		
Phone:	6097346867	
Email:	PatentOPs.US@technicolor.com	
Correspondent Name:	PATRICIA A. VERLANGIERI	
Address Line 1:	4 RESEARCH WAY	
Address Line 2:	THOMSON LICENSING LLC	
Address Line 4:	PRINCETON, NEW JERSEY 08540	
ATTORNEY DOCKET NUMBER:	PU070129-US-PCT SEQ 2	
NAME OF SUBMITTER:	PATRICIA A. VERLANGIERI	
SIGNATURE:	/Patricia A. Verlangieri, Reg.No. 42201/	
DATE SIGNED:	02/12/2017	
Total Attachments: 18		
source=Confirmation assignment patent rights US#page1.tif		
source=Confirmation assignment patent rights US#page2.tif		
source=Confirmation assignment patent rights US#page3.tif		
source=Confirmation assignment patent rights US#page4.tif		

source=Confirmation assignment patent rights US#page5.tif
source=Confirmation assignment patent rights US#page6.tif
source=Confirmation assignment patent rights US#page7.tif
source=Confirmation assignment patent rights US#page8.tif
source=Confirmation assignment patent rights US#page9.tif
source=Confirmation assignment patent rights US#page10.tif
source=Confirmation assignment patent rights US#page11.tif
source=Confirmation assignment patent rights US#page12.tif
source=Confirmation assignment patent rights US#page13.tif
source=Confirmation assignment patent rights US#page14.tif
source=Confirmation assignment patent rights US#page15.tif
source=Confirmation assignment patent rights US#page16.tif
source=Confirmation assignment patent rights US#page17.tif
source=Confirmation assignment patent rights US#page18.tif

Confirmation of assignment of Patent Rights

For good and valuable consideration, the receipt of which is hereby acknowledged, Thomson Licensing, SAS, a company duly organized under the laws of France, having offices at 1-5, rue Jeanne d'Arc, 92130 Issy les Moulineaux, France ("Assignor") hereby confirm that it has:

Assigned, with an effective date on January 4th, 2016, to Thomson Licensing DTV, SAS, a company duly organized under the laws of France, having offices at 1-5, rue Jeanne d'Arc, 92130 Issy les Moulineaux, France ("Assignee"), who accepted such assignment, and its successors, assigns, and legal representatives, Assignor's entire right, title and interest, including the right to sue for past and future infringement, collect past and future royalties and/or damages, and/or seek injunctive relief in the United States and all foreign countries, in and to the patents and patent applications listed in attachment A; in an to any and all inventions and improvements that are disclosed therein; in and to all divisional, continuation, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries that are based upon the patents and patent applications listed in Attachment A; in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries based upon the patents and patent applications listed in Attachment A; and in and to all rights of priority based upon the patents and patent applications listed in Attachment A; and

agreed that said Assignee may apply for and receive a patent or patents for said inventions and improvements in its own name; and that, when reasonably requested by, without charge, but at the expense of said Assignee, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuation, substitute, renewal, reissue and all other patent applications on any and all said inventions and improvements and execute all rightful oaths, assignments and power of attorney required thereof.

Thomson Licensing, SAS

Signature:



Name: Adrien Cadieux

Title: Authorized Signatory

Thomson Licensing DTV, SAS

Signature:



Name: Adrien Cadieux

Title: President

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PP960031	PP960031-US-NP	US	NP	31/07/1996 00:00:00	15/07/1997 00:00:00	09.832765			08/02/2000 00:00:00	6023262
PP960007	PP960007-US-NP	US	NP	11/11/1996 00:00:00	01/11/1997 00:00:00	09.431507			15/05/2001 00:00:00	6233164
PP960070	PP960070-US-NP	US	NP	13/02/1998 00:00:00	02/10/1999 00:00:00	09.414358			21/05/2002 00:00:00	6392631
PP960010	PP960010-US-NP	US	NP	13/02/1998 00:00:00	02/02/1999 00:00:00	09.241462			29/02/2006 00:00:00	6031734
PP960005	PP960005-US-PCT	US	PCT	08/03/1999 00:00:00	29/02/2000 00:00:00	09.936033			21/02/2006 00:00:00	7003037
PP960135	PP960135-US-PCT	US	NP	30/10/2001 00:00:00	30/10/2002 00:00:00	09.256430	01/05/2003 00:00:00	2003-0080828-A1	21/09/2004 00:00:00	7694962
PP960124	PP960124-US-PCT	US	PCT	01/11/2001 00:00:00	28/10/2002 00:00:00	10.494135	21/10/2004 00:00:00	2004-0207760-A1	24/06/2006 00:00:00	7064794
PP960097	PP960097-US-NP	US	NP	31/10/1997 00:00:00	26/08/1998 00:00:00	09.139706			20/07/2001 00:00:00	6266380
PP960128	PP960128-US-NP	US	NP	02/02/1996 00:00:00	18/03/1999 00:00:00	09.271971	05/09/2002 00:00:00	2002-0124193-A1	18/11/2003 00:00:00	6650824
PP960155	PP960155-US-NP	US	NP	03/01/2001 00:00:00	03/01/2001 00:00:00	09.753832	11/07/2002 00:00:00	2002-0083958-A1	22/06/2004 00:00:00	6753758
PP960102	PP960102-US-NP	US	NP	05/01/2001 00:00:00	05/01/2001 00:00:00	09.755439	11/07/2002 00:00:00	2002-0083958-A1	12/11/2002 00:00:00	6480045
PP960193	PP960193-US-PCT	US	PCT	31/08/2001 00:00:00	28/06/2002 00:00:00	09.457738	25/11/2004 00:00:00	2004-0233811-A1	23/06/2009 00:00:00	7518337
PP960006	PP960006-US-PCT	US	PCT	01/02/1999 00:00:00	20/01/2000 00:00:00	09.890561			06/01/2004 00:00:00	6654439
PP960079	PP960079-US-NP	US	NP	11/08/2000 00:00:00	08/08/2001 00:00:00	09.924322	21/07/2002 00:00:00	2002-0021757-A1	19/08/2004 00:00:00	7415068
PP960088	PP960088-US-CAL11	US	CAL	12/05/2000 00:00:00	12/05/2000 00:00:00	09.569571			11/11/2003 00:00:00	6646207
PP960046	PP960046-US-NP	US	NP	26/02/2002 00:00:00	26/02/2002 00:00:00	10.084774	28/08/2003 00:00:00	2003-0163822-A1	03/06/2008 00:00:00	7383018
PP960050	PP960050-US-NP	US	NP	19/03/2003 00:00:00	15/03/2004 00:00:00	10.800988	23/09/2004 00:00:00	2004-0183825-A1	04/03/2008 00:00:00	7340906
PP960018	PP960018-US-PCT	US	PCT	10/01/2003 00:00:00	08/01/2004 00:00:00	10.541857	15/06/2006 00:00:00	2006-0125651-A1	05/05/2009 00:00:00	7528735
PP960110	PP960110-US-NP	US	NP	05/09/2003 00:00:00	06/09/2003 00:00:00	10.656074	01/07/2004 00:00:00	2004-0125741-A1	29/12/2009 00:00:00	7639752
PP960089	PP960089-US-NP	US	NP	02/05/2003 00:00:00	02/05/2003 00:00:00	10.428973	04/11/2004 00:00:00	2004-0218681-A1	06/11/2007 00:00:00	7292638
PP962007	PP962007-US-NP	US	NP	04/02/2002 00:00:00	03/02/2003 00:00:00	10.356864	18/09/2003 00:00:00	2003-0174175-A1	05/11/2013 00:00:00	8578432
PP9620105	PP9620105-US-PCT	US	PCT	08/04/2002 00:00:00	20/03/2003 00:00:00	10.510535	04/08/2005 00:00:00	2005-0172314-A1	17/04/2012 00:00:00	8161510
PP960004	PP960004-US-PCT	US	PCT	07/01/2005 00:00:00	03/01/2005 00:00:00	09.786578	10/12/2009 00:00:00	2009-0304800-A1	22/01/2013 00:00:00	8359626
PP960003	PP960003-US-NP	US	PCT	06/01/2005 00:00:00	06/01/2005 00:00:00	11.327041	26/07/2007 00:00:00	2007-0171311-A1	05/06/2012 00:00:00	7983339
PP960008	PP960008-US-PCT	US	PCT	13/02/2005 00:00:00	09/02/2005 00:00:00	11.599174	02/03/2006 00:00:00	2006-0174062-A1	11/10/2011 00:00:00	8194489
PP960095	PP960095-US-NP	US	NP	02/09/2004 00:00:00	25/08/2005 00:00:00	11.595755	31/05/2007 00:00:00	2006-0045493-A1	12/04/2011 00:00:00	8036301
PP960037	PP960037-US-NP	US	NP	30/11/2005 00:00:00	09/11/2006 00:00:00	11.595755	21/06/2007 00:00:00	2006-0045493-A1	19/07/2011 00:00:00	7982771
PP960195	PP960195-US-PCT	US	PCT	08/06/2005 00:00:00	08/06/2005 00:00:00	11.921705	24/12/2009 00:00:00	2009-0316048-A1	29/05/2012 00:00:00	8189111
PP960034	PP960034-US-PCT	US	PCT	21/12/2005 00:00:00	20/12/2007 00:00:00	12.488442	19/08/2010 00:00:00	2010-0209072-A1	29/05/2012 00:00:00	8634708
PP960034	PP960034-US-PCT	US	PCT	03/03/2008 00:00:00	11/12/2008 00:00:00	12.755697	09/12/2011 00:00:00	2010-0308875-A1	22/10/2013 00:00:00	8564338
PP960031	PP960031-US-PCT	US	PCT	01/09/2006 00:00:00	09/09/2006 00:00:00	12.310459	02/09/2009 00:00:00	2009-0245386-A1	06/08/2013 00:00:00	8503520
PP960126	PP960126-US-PCT	US	PCT	10/09/2010 00:00:00	09/09/2011 00:00:00	13.821424	04/07/2013 00:00:00	2013-0170461-A1		
PP960140	PP960140-US-PCT	US	PCT	15/02/2012 00:00:00	18/02/2012 00:00:00	14.571360	23/07/2015 00:00:00	2015-0216172-A1		
PP960001	PP960001-US-PCT	US	PCT	19/02/2010 00:00:00	13/02/2011 00:00:00	13.925950	13/12/2012 00:00:00	2012-0314009-A1		
PP960032	PP960032-US-PCT	US	PCT	12/03/2010 00:00:00	13/03/2011 00:00:00	13.984230	21/03/2013 00:00:00	2013-0073977-A1		
PP960082	PP960082-US-NP	US	NP	12/09/2010 00:00:00	30/07/2010 00:00:00	13.700423	12/07/2012 00:00:00	2012-0176547-A1	12/08/2014 00:00:00	8803204
PP960082	PP960082-US-NP	US	NP	30/07/2008 00:00:00	30/07/2010 00:00:00	13.700423	03/07/2013 00:00:00	2013-0078644-A1	27/08/2013 00:00:00	8529960
PP960135	PP960135-US-PCT	US	PCT	03/06/2010 00:00:00	03/06/2011 00:00:00	13.701347	10/10/2013 00:00:00	2013-0268291-A1		
PP960046	PP960046-US-PCT	US	PCT	28/08/1997 00:00:00	25/08/1998 00:00:00	09.485645			12/12/2006 00:00:00	7149855
PP960030	PP960030-US-NP	US	NP	24/07/1999 00:00:00	13/09/2000 00:00:00	09.455544			12/04/2008 00:00:00	7263381
PP960075	PP960075-US-NP	US	NP	12/04/1996 00:00:00	04/04/1997 00:00:00	09.555188			19/03/2002 00:00:00	6359644
PP960075	PP960075-US-NP	US	NP	07/11/1996 00:00:00	30/10/1997 00:00:00	09.301360			26/12/1999 00:00:00	5973940
PP960075	PP960075-US-DIV	US	DIV	02/11/1996 00:00:00	11/06/1999 00:00:00	09.330388			26/12/2000 00:00:00	6166923
PP960082	PP960082-US-NP	US	NP	08/12/1997 00:00:00	04/12/1998 00:00:00	09.205464			02/03/1999 00:00:00	6230141
PP960082	PP960082-US-CNT	US	CNT	12/09/1996 00:00:00	16/10/1997 00:00:00	08.951252			15/04/2008 00:00:00	5627946
PP960125	PP960125-US-NP	US	NP	20/11/2000 00:00:00	20/11/2000 00:00:00	09.716721	06/02/2003 00:00:00	2003-0027519-A1	19/09/2008 00:00:00	7359376
PP960088	PP960088-US-NP	US	NP	01/08/2001 00:00:00	24/07/2002 00:00:00	10.202327			03/06/2003 00:00:00	7110049
PP960126	PP960126-US-NP	US	NP	20/11/2001 00:00:00	22/04/2002 00:00:00	10.127743			08/04/2003 00:00:00	6523941
PP960126	PP960126-US-DIV11	US	DIV	10/09/1999 00:00:00	14/05/2002 00:00:00	10.146152	07/11/2002 00:00:00	2002-0163966-A1	08/04/2003 00:00:00	6524051
PP960126	PP960126-US-NP	US	NP	28/09/1998 00:00:00	05/06/2002 00:00:00	09.162302			17/09/2002 00:00:00	6452969
PP960264	PP960264-US-NP	US	NP	05/06/2002 00:00:00	05/06/2002 00:00:00	10.163182	11/12/2003 00:00:00	2003-0227486-A1	28/02/2006 00:00:00	7007234
PP960264	PP960264-US-PCT	US	PCT	12/05/2000 00:00:00	11/05/2001 00:00:00	10.275199	11/12/2003 00:00:00	2003-0227568-A1	09/02/2010 00:00:00	7659940
PP960203	PP960203-US-NP	US	NP	19/07/1999 00:00:00	30/12/1999 00:00:00	09.475444			13/09/2005 00:00:00	6944878
PP960029	PP960029-US-NP	US	NP	03/06/2002 00:00:00	03/06/2003 00:00:00	10.453035	04/12/2003 00:00:00	2003-0125292-A1	26/04/2010 00:00:00	7934195
PP960049	PP960049-US-PCT	US	PCT	22/03/2002 00:00:00	16/02/2002 00:00:00	10.472878	22/07/2004 00:00:00	2004-0143839-A1	15/06/2010 00:00:00	7739706
PP960039	PP960039-US-PCT	US	PCT	27/06/2002 00:00:00	26/06/2003 00:00:00	10.519128	05/04/2007 00:00:00	2005-0237430-A1	28/07/2009 00:00:00	7563966
PP960313	PP960313-US-PCT	US	PCT	08/12/2002 00:00:00	08/12/2004 00:00:00	10.519152	05/04/2007 00:00:00	2007-0076122-A1	16/02/2010 00:00:00	7663966
PP960358	PP960358-US-PCT	US	PCT	26/08/2003 00:00:00	24/08/2004 00:00:00	10.569236	10/01/2008 00:00:00	2008-0008242-A1	27/12/2011 00:00:00	8085845
PP960303	PP960303-US-PCT	US	PCT	04/11/2004 00:00:00	02/11/2005 00:00:00	11.666780	05/06/2008 00:00:00	2008-0130745-A1	10/04/2012 00:00:00	8155191
PP960308	PP960308-US-PCT	US	PCT	15/01/2005 00:00:00	05/01/2006 00:00:00	11.754546	04/02/2010 00:00:00	2010-0027411-A1	19/08/2014 00:00:00	8811155
PP960374	PP960374-US-PCT	US	PCT	22/11/2005 00:00:00	24/10/2006 00:00:00	12.085329	12/02/2009 00:00:00	2009-0044119-A1	22/04/2011 00:00:00	8736161
PP960183	PP960183-US-PCT	US	PCT	28/06/2005 00:00:00	13/06/2007 00:00:00	12.450694	05/07/2010 00:00:00	2010-0045438-A1	06/08/2013 00:00:00	8502677
PP960094	PP960094-US-PCT	US	PCT	16/05/2002 00:00:00	16/02/2007 00:00:00	12.450694	05/07/2010 00:00:00	2007-0153067-A1	06/07/2010 00:00:00	7750938
PP960217	PP960217-US-PCT	US	PCT	25/01/2002 00:00:00	02/12/2008 00:00:00	12.279747	16/09/2010 00:00:00	2010-0232762-A1	27/05/2014 00:00:00	8736161
PP960108	PP960108-US-PCT	US	PCT	09/06/2006 00:00:00	03/04/2008 00:00:00	12.450695	13/05/2010 00:00:00	2010-0118959-A1	05/11/2013 00:00:00	8577158
PP960709	PP960709-US-PCT	US	PCT	27/06/2008 00:00:00	27/06/2008 00:00:00	12.773707	21/04/2011 00:00:00	2011-0001120-A1	29/04/2014 00:00:00	8711862
PP960815	PP960815-US-PCT	US	PCT	20/03/2008 00:00:00	10/02/2009 00:00:00	12.7736124	13/01/2011 00:00:00	2011-0007745-A1		
PP960298	PP960298-US-NP	US	NP	10/02/2013 00:00:00	17/05/2010 00:00:00	13.763725	15/08/2013 00:00:00	2013-0208511-A1		
PP960016	PP960016-US-NP	US	NP	17/05/2010 00:00:00	12/03/2015 00:00:00	14.659782	02/07/2015 00:00:00	2015-0187387-A1		
PP960224	PP960224-US-CNT	US	CNT	18/10/2004 00:00:00						

	Application	Country	Protection Type	Fam 1st Prior Fil Date	FLTINGDATE	FLTINGNUMBER	FLTINGDATE	FLTINGNUMBER	GRANTDATE	GRANTNUMBER
PI100043	PI100043-US-PCT	US	PCT	14/06/2010 00:00:00	14/06/2011 00:00:00	13/704246	11/04/2013 00:00:00	2013-0089155-A1		
PI100043	PI100043-US-PCT	US	PCT	14/06/2010 00:00:00	14/06/2011 00:00:00	14/566711	04/12/2014 00:00:00	2014-0355605-A1	07/04/2015 00:00:00	9001889
PI090038	PI090038-US-PCT	US	PCT	16/05/2008 00:00:00	12/05/2010 00:00:00	13/319719	01/03/2012 00:00:00	2012-0051421-A1	2012-0051421-A1	2012-0051421-A1
PI090069	PI090069-US-PCT	US	PCT	13/01/2009 00:00:00	29/06/2010 00:00:00	13/381124	10/05/2012 00:00:00	2012-0111310-A1	21/07/2015 00:00:00	9008782
PI090081	PI090081-US-PCT	US	PCT	23/07/2009 00:00:00	29/07/2010 00:00:00	13/388047	14/05/2012 00:00:00	2012-0128066-A1	14/04/2015 00:00:00	9008178
PI0900100	PI0900100-US-PCT	US	PCT	23/04/2009 00:00:00	22/07/2010 00:00:00	13/3884796	17/05/2012 00:00:00	2012-0121009-A1		
PI0900038	PI0900038-US-PCT	US	PCT	23/04/2009 00:00:00	20/04/2010 00:00:00	13/138897	16/02/2012 00:00:00	2012-0039373-A1		
PI100049	PI100049-US-PCT	US	PCT	19/02/2010 00:00:00	10/12/2010 00:00:00	13/579049	06/12/2012 00:00:00	2012-0311640-A1		
PI100029	PI100029-US-PCT	US	PCT	08/02/2010 00:00:00	07/02/2011 00:00:00	13/576805	06/12/2012 00:00:00	2012-0308134-A1	24/02/2015 00:00:00	8887280
PI088659	PI088659-US-PCT	US	NP	14/04/1997 00:00:00	05/10/1999 00:00:00	09/405753			09/12/2005 00:00:00	8965118
PI0886285	PI0886285-US-NP	US	NP	02/12/1996 00:00:00	02/12/1996 00:00:00	08/760529			07/03/2000 00:00:00	6661437
PI0886285	PI0886285-US-NP	US	NP	06/05/1999 00:00:00	17/04/2000 00:00:00	09/550131			15/06/2004 00:00:00	6549386
PI0990026	PI0990026-US-NP	US	NP	18/01/1999 00:00:00	07/01/2000 00:00:00	09/479603			15/06/2004 00:00:00	6549386
PI0990076	PI0990076-US-NP	US	NP	24/11/1999 00:00:00	22/11/2000 00:00:00	09/718857			16/07/2002 00:00:00	6420939
PI0990076	PI0990076-US-NP	US	NP	03/02/2000 00:00:00	11/12/2000 00:00:00	09/718857	02/09/2004 00:00:00	2004-0172653-A1	30/06/2009 00:00:00	7554843
PI0900127	PI0900127-US-NP	US	NP	15/10/2001 00:00:00	11/10/2002 00:00:00	10/269657	25/03/2004 00:00:00	2003-0073459-A1	06/02/2010 00:00:00	17174145
PI010004	PI010004-US-PCT	US	PCT	24/01/2001 00:00:00	21/01/2002 00:00:00	10/040146	17/03/2004 00:00:00	2003-0055812-A1	26/09/2006 00:00:00	7111706
PI089563	PI089563-US-NP	US	NP	14/07/1999 00:00:00	14/07/1999 00:00:00	09/353221			30/01/2001 00:00:00	6181217
PI030044	PI030044-US-PCT	US	PCT	06/03/2003 00:00:00	26/02/2004 00:00:00	10/546715	16/08/2007 00:00:00	2007-0189389-A1		
PI030034	PI030034-US-PCT	US	PCT	11/01/2003 00:00:00	07/07/2003 00:00:00	10/542468	20/04/2006 00:00:00	2006-0082601-A1	24/02/2009 00:00:00	17495642
PI020044	PI020044-US-PCT	US	PCT	15/05/2002 00:00:00	08/05/2003 00:00:00	10/515400	25/08/2006 00:00:00	2006-0189573-A1	03/03/2009 00:00:00	74895942
PI020037	PI020037-US-PCT	US	PCT	15/05/2002 00:00:00	08/05/2003 00:00:00	10/515891	28/10/2005 00:00:00	2005-016621-A1	18/11/2008 00:00:00	1754573
PI020017	PI020017-US-PCT	US	PCT	05/01/2004 00:00:00	04/11/2004 00:00:00	10/585458	29/11/2007 00:00:00	2007-0274384-A1	03/09/2013 00:00:00	8525492
PI020012	PI020012-US-PCT	US	PCT	06/01/2004 00:00:00	04/01/2005 00:00:00	10/5854324	03/09/2009 00:00:00	2009-0328741-A1		
PI0200165	PI0200165-US-PCT	US	PCT	12/06/2004 00:00:00	23/06/2004 00:00:00	10/562250	07/09/2006 00:00:00	2006-0198440-A1	05/10/2010 00:00:00	17809059
PI040108	PI040108-US-PCT	US	PCT	05/05/2003 00:00:00	30/04/2004 00:00:00	10/554936	08/02/2007 00:00:00	2007-0030396-A1	23/09/2014 00:00:00	8442226
PI040332	PI040332-US-PCT	US	PCT	02/12/2004 00:00:00	15/06/2005 00:00:00	11/911288	13/03/2008 00:00:00	2006-0063052-A1	15/03/2011 00:00:00	7307639
PI040041	PI040041-US-PCT	US	PCT	04/05/2004 00:00:00	21/04/2005 00:00:00	11/592425	27/09/2007 00:00:00	2006-0114985-A1		
PI040135	PI040135-US-PCT	US	NP	28/09/2004 00:00:00	28/09/2005 00:00:00	11/237421	01/06/2006 00:00:00	2006-02023045-A1		
PI050201	PI050201-US-PCT	US	PCT	03/10/2005 00:00:00	03/10/2005 00:00:00	11/992358	24/06/2010 00:00:00	2006-0151665-A1	01/03/2011 00:00:00	7899119
PI080091	PI080091-US-NP	US	NP	30/06/2008 00:00:00	30/06/2009 00:00:00	12/439530	31/12/2008 00:00:00	2006-0327955-A1		
PI080091	PI080091-US-NP	US	NP	30/06/2008 00:00:00	19/08/2009 00:00:00	12/439512	31/12/2008 00:00:00	2009-0327955-A1		
PI070168	PI070168-US-NP	US	PCT	22/08/2008 00:00:00	19/08/2009 00:00:00	12/735744	23/06/2011 00:00:00	2009-0327955-A1		
PI070168	PI070168-US-NP	US	PCT	15/10/2008 00:00:00	14/03/2009 00:00:00	12/735744	19/09/2011 00:00:00	2010-0154426-A1		
PI080011	PI080011-US-PCT	US	PCT	20/02/2008 00:00:00	13/01/2008 00:00:00	12/735741	23/12/2011 00:00:00	2010-0321382-A1	26/02/2013 00:00:00	18385412
PI080011	PI080011-US-PCT	US	PCT	20/02/2008 00:00:00	13/01/2008 00:00:00	12/735741	23/12/2011 00:00:00	2010-0321382-A1	09/01/2013 00:00:00	8351381
PI090024	PI090024-US-PCT	US	PCT	02/03/2009 00:00:00	28/03/2011 00:00:00	13/688452	30/05/2013 00:00:00	2013-0132657-A1	21/06/2014 00:00:00	825128
PI100103	PI100103-US-PCT	US	PCT	12/05/2010 00:00:00	05/05/2011 00:00:00	13/688452	07/03/2013 00:00:00	2013-0068416-A1	17/06/2014 00:00:00	8735618
PI110150	PI110150-US-PCT	US	PCT	13/12/2011 00:00:00	13/12/2011 00:00:00	14/360976				
PI110095	PI110095-US-PCT	US	PCT	12/06/2011 00:00:00	10/08/2012 00:00:00	14/237903	24/07/2014 00:00:00	2014-0207718-A1		
PI012005	PI012005-US-PCT	US	PCT	12/02/2012 00:00:00	11/02/2013 00:00:00	14/381007	05/02/2015 00:00:00	2015-0037001-A1		
PI0900133	PI0900133-US-NP	US	NP	12/81/22009 00:00:00	14/12/2010 00:00:00	12/967720	03/05/2011 00:00:00	2011-0156607-A1		
PI0900076	PI0900076-US-PCT	US	PCT	04/12/2009 00:00:00	04/12/2009 00:00:00	13/381124	03/05/2012 00:00:00	2012-0109963-A1		
PI0900076	PI0900076-US-PCT	US	PCT	04/12/2009 00:00:00	23/06/2010 00:00:00	13/381249				
PI0886632	PI0886632-US-NP	US	NP	12/31/1997 00:00:00	31/05/2000 00:00:00	09/555488				
PI088634	PI088634-US-NP	US	NP	01/08/1996 00:00:00	18/03/1997 00:00:00	08/818592				
PI088815	PI088815-US-PCT	US	PCT	11/01/1997 00:00:00	13/11/1997 00:00:00	09/297416				
PI088815	PI088815-US-PCT	US	PCT	11/01/1996 00:00:00	09/01/1997 00:00:00	08/913703				
PI0960002	PI0960002-US-PCT	US	PCT	11/11/1997 00:00:00	13/11/1998 00:00:00	09/191656				
PI0970013	PI0970013-US-NP	US	NP	23/10/2001 00:00:00	22/10/2002 00:00:00	10/227448				
PI010129	PI010129-US-NP	US	NP	14/12/2001 00:00:00	19/12/2001 00:00:00	10/270955	24/04/2003 00:00:00	2003-0076971-A1	10/10/2006 00:00:00	7120255
PI010129	PI010129-US-NP	US	NP	14/12/2001 00:00:00	19/12/2001 00:00:00	10/270955	19/06/2003 00:00:00	2003-0111301-A1	06/10/2009 00:00:00	1759604
PI010316	PI010316-US-NP	US	NP	19/12/2001 00:00:00	19/12/2001 00:00:00	10/251560	19/06/2003 00:00:00	2003-0112761-A1	05/04/2009 00:00:00	16876400
PI010061	PI010061-US-PCT	US	PCT	12/31/2001 00:00:00	09/12/2004 00:00:00	10/493265	09/12/2004 00:00:00	2004-0247035-A1	11/03/2008 00:00:00	17342944
PI030004	PI030004-US-PCT	US	PCT	06/01/2003 00:00:00	18/12/2003 00:00:00	10/546446	09/02/2006 00:00:00	2006-0062030-A1	13/11/2007 00:00:00	7295804
PI020049	PI020049-US-PCT	US	PCT	18/10/2002 00:00:00	16/10/2003 00:00:00	10/531220	23/03/2006 00:00:00	2006-0062030-A1	04/05/2010 00:00:00	7711970
PI040346	PI040346-US-PCT	US	PCT	12/01/2005 00:00:00	31/01/2005 00:00:00	11/795962	14/05/2006 00:00:00	2009-0121213-A1	12/08/2014 00:00:00	8800447
PI040104	PI040104-US-NP	US	NP	06/07/2004 00:00:00	01/07/2005 00:00:00	11/714165	23/02/2006 00:00:00	2006-0039479-A1	15/11/2011 00:00:00	8059792
PI040087	PI040087-US-NP	US	NP	08/07/2004 00:00:00	08/07/2005 00:00:00	11/717276	16/02/2006 00:00:00	2006-0034144-A1	15/07/2014 00:00:00	8780092
PI050098	PI050098-US-NP	US	NP	09/08/2000 00:00:00	09/08/2000 00:00:00	09/635723			20/10/2009 00:00:00	7606880
PI020314	PI020314-US-NT11	US	NT	05/07/2002 00:00:00	14/01/2005 00:00:00	11/036920	28/07/2005 00:00:00	2005-0162549-A1	03/12/2008 00:00:00	17468754
PI050079	PI050079-US-PCT	US	PCT	20/04/2005 00:00:00	13/04/2006 00:00:00	11/918685	12/03/2009 00:00:00	2009-0066995-A1	06/03/2012 00:00:00	8130163
PI050150	PI050150-US-PCT	US	PCT	07/09/2005 00:00:00	31/08/2006 00:00:00	11/991521	28/05/2009 00:00:00	2009-0135075-A1	14/09/2010 00:00:00	1796900
PI0700036	PI0700036-US-NP	US	NP	11/05/2007 00:00:00	08/05/2008 00:00:00	12/151745	13/11/2008 00:00:00	2008-0278510-A1	18/06/2013 00:00:00	18466926
PI070011	PI070011-US-PCT	US	PCT	25/04/2007 00:00:00	23/04/2008 00:00:00	12/451034	10/06/2010 00:00:00	2010-0142614-A1		
PI070065	PI070065-US-PCT	US	PCT	27/06/2007 00:00:00	27/06/2007 00:00:00	12/451939	10/06/2010 00:00:00	2010-0142826-A1	04/02/2014 00:00:00	8644385
PI0600028	PI0600028-US-NP	US	NP	11/04/2006 00:00:00	04/04/2007 00:00:00	11/732686	11/10/2007 00:00:00	2007-0237229-A1	14/08/2012 00:00:00	8243785
PI060125	PI060125-US-PCT	US	PCT	12/30/2006 00:00:00	19/12/2008 00:00:00	12/308679	01/07/2010 00:00:00	2010-0164566-A1	09/08/2011 00:00:00	17994566
PI0800049	PI0800049-US-PCT	US	PCT	25/04/2008 00:00:00	23/04/2009 00:00:00	12/735613	14/07/2011 00:00:00	2010-0170599-A1	17/06/2014 00:00:00	8755436
PI0800001	PI0800001-US-PCT	US	PCT	07/01/2008 00:00:00	05/01/2009 00:00:00	12/735331	04/11/2010 00:00:00	2010-0278267-A1	07/01/2014 00:00:00	8625672
PI0800055	PI0800055-US-NP	US	NP	03/07/2008 00:00:00	22/06/2009 00:00:00	12/456741	07/01/2010 00:00:00	2010-0040937-A1	18/03/2014 00:00:00	865584
PI0120148	PI0120148-US-PCT	US	PCT	06/01/2012 00:00:00	27/12/2012 00:00:00	14/323566	06/11/2014 00:00:00	2014-0327677-A1	14/07/2015 00:00:00	9083947
PI0100001	PI0100001-US-PCT	US	PCT	25/01/2010 00:00:00	25/01/2010 00:00:00	13/675122	06/12/2012 00:00:00	2012-0320982-A1		
PI0900125	PI0900125-US-PCT	US	PCT	11/01/2009 0						

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PA100026	PE110190-US-NP	US	NP	16/12/2011 00:00:00	14/12/2012 00:00:00	13/716062	25/07/2013 00:00:00	2013-0182918-A1		
PA100026	PA100026-US-PT	US	PT	20/07/2011 00:00:00	20/07/2012 00:00:00	13/810086	16/05/2013 00:00:00	2013-0124994-A1		
PA100011	PA100011-US-NP	US	NP	01/03/2011 00:00:00	28/02/2012 00:00:00	13/407404	06/09/2012 00:00:00	2012-0223879-A1		
PA100027	PA100027-US-PT	US	PT	04/01/2011 00:00:00	03/01/2012 00:00:00	13/995334	17/10/2013 00:00:00	2013-0226043-A1		
PE110038	PE110038-US-NP	US	NP	11/03/2011 00:00:00	11/03/2012 00:00:00	13/417291	13/09/2012 00:00:00	2012-0230891-A1		
PE100076	PE100076-US-NP	US	NP	22/09/2010 00:00:00	22/09/2011 00:00:00	13/200025	27/09/2012 00:00:00	2012-0242781-A1		
PE100064	PE100064-US-NP	US	NP	05/08/2010 00:00:00	02/08/2011 00:00:00	13/136483	09/02/2012 00:00:00	2012-0036548-A1		
RC A89652	RC A89652-US-NP	US	NP	13/07/2009 00:00:00	13/06/2010 00:00:00	09/592204			01/07/2014 00:00:00	87699663
RC A88879	RC A88879-US-NP	US	NP	31/01/1997 00:00:00	12/11/1999 00:00:00	09/341028			23/07/2002 00:00:00	64242855
RC A88816	RC A88816-US-NP	US	NP	11/03/1998 00:00:00	11/03/1998 00:00:00	09/38732			12/09/2000 00:00:00	6118497
PE990040	PE990040-US-NP	US	NP	18/06/1999 00:00:00	16/06/2000 00:00:00	09/595738			09/12/2003 00:00:00	66619297
PE990020	PE990020-US-NP	US	NP	06/05/1999 00:00:00	05/05/2000 00:00:00	09/555546			26/09/2005 00:00:00	6647097
RC A87261	RC A87261-US-CTP	US	CTP	16/12/1996 00:00:00	22/12/1996 00:00:00	08/798049			31/10/2000 00:00:00	6141058
RC A88707A	RC A88707A-US-CTP	US	CTP	16/07/1997 00:00:00	13/02/1998 00:00:00	09/218518			19/06/2001 00:00:00	6249320
RC A888904	RC A888904-US-NP	US	NP	18/02/1997 00:00:00	13/02/1998 00:00:00	09/03329			06/02/2001 00:00:00	6185340
RC A88318	RC A88318-US-NP	US	NP	12/07/2000 00:00:00	12/07/2000 00:00:00	09/614632			28/03/2006 00:00:00	7020205
RC A88325A	RC A88325A-US-CT	US	CT	30/10/1996 00:00:00	23/05/1997 00:00:00	08/813366			03/03/1998 00:00:00	5724298
PE990036	PE990036-US-PT	US	PT	03/06/1999 00:00:00	23/05/2000 00:00:00	09/980353			11/11/2003 00:00:00	6647537
PE1000179	PE1000179-US-NP	US	NP	21/12/2000 00:00:00	21/12/2000 00:00:00	09/742621			22/08/2006 00:00:00	7096483
RC A89748	RC A89748-US-PT	US	PT	23/11/1999 00:00:00	22/11/2000 00:00:00	10/148223	27/06/2002 00:00:00	2002-0083448-A1	18/07/2006 00:00:00	7095985
PE010013	PE010013-US-NP	US	NP	16/02/2001 00:00:00	13/02/2002 00:00:00	10/075633	22/08/2002 00:00:00	2002-0115419-A1	16/05/2006 00:00:00	7046976
PE000044	PE000044-US-NP	US	NP	18/06/2000 00:00:00	15/08/2001 00:00:00	09/930056	07/03/2002 00:00:00	2002-0027556-A1	03/02/2004 00:00:00	66687102
PE020027	PE020027-US-NP	US	NP	25/01/2002 00:00:00	14/02/2002 00:00:00	10/075590	31/07/2003 00:00:00	2003-0142878-A1	11/11/2003 00:00:00	66647152
PE010080	PE010080-US-NP	US	NP	23/04/2001 00:00:00	14/02/2002 00:00:00	10/075500	24/10/2002 00:00:00	2002-0157110-A1	01/09/2009 00:00:00	7584498
PE030017	PE030017-US-NP	US	NP	21/01/2003 00:00:00	20/01/2004 00:00:00	10/731828	05/08/2004 00:00:00	2004-0153474-A1	30/12/2008 00:00:00	7472344
PE010710	PE010710-US-NP	US	NP	19/12/2002 00:00:00	18/12/2002 00:00:00	10/732148	24/07/2003 00:00:00	2003-0158123-A1	22/05/2007 00:00:00	7221772
PE020087	PE020087-US-NP	US	NP	03/04/2002 00:00:00	09/01/2003 00:00:00	10/329147	23/10/2003 00:00:00	2003-0197808-A1	11/07/2006 00:00:00	7075586
PE020454	PE020454-US-PT	US	PT	15/11/2002 00:00:00	15/10/2003 00:00:00	09/524665	09/03/2005 00:00:00	2005-0053464-A1	22/03/2011 00:00:00	7913274
CT998003	CT998003-US-CTNT11	US	CTNT	25/03/1998 00:00:00	15/09/1999 00:00:00	09/646445			18/04/2005 00:00:00	7231525
PE010181	PE010181-US-PT	US	PT	19/09/2001 00:00:00	15/09/2002 00:00:00	10/490015	05/05/2005 00:00:00	2005-0083821-A1	18/04/2005 00:00:00	7031206
PE000034	PE000034-US-NP	US	NP	31/03/2005 00:00:00	29/03/2005 00:00:00	11/092325	13/10/2005 00:00:00	2005-0225556-A1	01/05/2007 00:00:00	7121209
PE000074	PE000074-US-PT	US	PT	23/05/2005 00:00:00	23/05/2005 00:00:00	11/0920403	12/01/2009 00:00:00	2009-0070809-A1	21/02/2012 00:00:00	6122470
PE000151	PE000151-US-PT	US	PT	10/11/2005 00:00:00	10/11/2005 00:00:00	11/667303	13/12/2009 00:00:00	2009-0265514-A1		
PE040022	PE040022-US-NP	US	NP	27/05/2004 00:00:00	22/05/2004 00:00:00	11/587095	05/03/2009 00:00:00	2009-0028551-A1		
PE040025	PE040025-US-PT	US	PT	06/02/2005 00:00:00	06/02/2005 00:00:00	11/055525	18/08/2005 00:00:00	2005-0180440-A1	18/05/2010 00:00:00	7719535
PE040025	PE040025-US-PT	US	PT	21/01/2006 00:00:00	30/01/2006 00:00:00	12/235951	02/09/2007 00:00:00	2007-0105214-A1	27/12/2011 00:00:00	8088270
PE040025	PE040025-US-PT	US	PT	22/01/2006 00:00:00	30/01/2006 00:00:00	12/235951	02/09/2007 00:00:00	2007-0105214-A1	18/08/2009 00:00:00	7379576
PE040025	PE040025-US-PT	US	PT	14/01/2006 00:00:00	14/01/2006 00:00:00	11/588340	21/07/2009 00:00:00	2009-0128539-A1	24/10/2014 00:00:00	8667618
PE040025	PE040025-US-PT	US	PT	14/01/2006 00:00:00	14/01/2006 00:00:00	12/498800	06/08/2010 00:00:00	2010-0115629-A1	17/04/2012 00:00:00	6160110
PE040025	PE040025-US-PT	US	PT	12/01/2006 00:00:00	12/01/2006 00:00:00	11/905600	17/04/2008 00:00:00	2008-0089419-A1		
PE040025	PE040025-US-PT	US	PT	15/12/2006 00:00:00	15/12/2006 00:00:00	12/736098	30/12/2010 00:00:00	2010-0326373-A1	17/07/2012 00:00:00	8223839
PE040025	PE040025-US-PT	US	PT	22/07/2008 00:00:00	22/07/2008 00:00:00	12/460660	11/02/2010 00:00:00	2010-0034822-A1	09/09/2014 00:00:00	8831102
PE040025	PE040025-US-PT	US	PT	04/08/2008 00:00:00	04/08/2008 00:00:00	12/737653	04/08/2011 00:00:00	2011-0195749-A1		
PE040025	PE040025-US-PT	US	PT	28/09/2007 00:00:00	12/09/2010 00:00:00	12/73876	04/08/2011 00:00:00	2011-0191815-A1		
PE040025	PE040025-US-PT	US	PT	16/09/2010 00:00:00	12/09/2010 00:00:00	13/824344	25/07/2013 00:00:00	2013-0188933-A1		
PE040025	PE040025-US-PT	US	PT	26/06/2009 00:00:00	30/01/2009 00:00:00	13/329863	03/05/2012 00:00:00	2012-0106627-A1		
PE040025	PE040025-US-PT	US	PT	29/01/2009 00:00:00	29/01/2009 00:00:00	13/146541	22/12/2011 00:00:00	2011-0310299-A1		
RC A89546	RC A89546-US-NP	US	NP	30/06/1999 00:00:00	30/06/1999 00:00:00	09/343622			12/08/2014 00:00:00	8803289
PE960044	PE960044-US-NP	US	NP	31/10/1997 00:00:00	08/10/1997 00:00:00	08/946881			09/11/1999 00:00:00	6177962
PE960034	PE960034-US-NP	US	NP	12/08/1996 00:00:00	08/08/1997 00:00:00	08/907443			23/01/2002 00:00:00	6424361
PE000027	PE000027-US-PT	US	PT	10/04/2000 00:00:00	28/03/2001 00:00:00	10/257347	31/07/2003 00:00:00	2003-0145024-A1	13/03/2007 00:00:00	7196942
PE000050	PE000050-US-PT	US	PT	25/05/2000 00:00:00	22/05/2001 00:00:00	10/276385	11/11/2004 00:00:00	2004-0226040-A1	21/03/2006 00:00:00	7015972
RC A89345	RC A89345-US-NP	US	NP	22/12/1999 00:00:00	22/12/1999 00:00:00	09/471673			15/04/2006 00:00:00	6549143
RC A89633	RC A89633-US-PT	US	PT	15/07/1999 00:00:00	26/06/2000 00:00:00	10/030634			01/05/2007 00:00:00	7213250
RC A89638	RC A89638-US-PT	US	PT	16/07/2000 00:00:00	14/07/2000 00:00:00	10/031051			16/03/2004 00:00:00	6707508
RC A89693	RC A89693-US-NP	US	NP	22/06/2000 00:00:00	22/06/2000 00:00:00	09/599885			10/02/2004 00:00:00	6690435
PE000075	PE000075-US-PT	US	PT	21/07/2000 00:00:00	13/06/2001 00:00:00	10/33315	14/08/2003 00:00:00	2003-0151365-A1	31/08/2004 00:00:00	6784618
PE030016	PE030016-US-NP	US	NP	10/02/2004 00:00:00	10/02/2004 00:00:00	10/775468	19/08/2004 00:00:00	2004-0161040-A1	24/10/2006 00:00:00	7127537
PE030088	PE030088-US-NP	US	NP	02/05/2003 00:00:00	02/05/2003 00:00:00	10/498614	04/11/2004 00:00:00	2004-0218692-A1	30/05/2006 00:00:00	7054281
PE020171	PE020171-US-PT	US	PT	24/04/2003 00:00:00	21/04/2003 00:00:00	10/512329	23/02/2005 00:00:00	2005-0038923-A1	06/07/2010 00:00:00	7750977
PE020256	PE020256-US-PT	US	PT	21/05/2002 00:00:00	09/05/2003 00:00:00	10/514668	03/06/2004 00:00:00	2005-0163318-A1	23/12/2008 00:00:00	7469420
PE010011	PE010011-US-PT	US	PT	16/03/2001 00:00:00	01/03/2002 00:00:00	10/471524	10/09/2009 00:00:00	2009-0125984-A1	07/06/2005 00:00:00	6903947
PE040378	PE040378-US-PT	US	PT	05/01/2005 00:00:00	26/10/2005 00:00:00	11/794750	10/09/2009 00:00:00	2009-0225984-A1	04/06/2014 00:00:00	8666071
PE040013	PE040013-US-PT	US	PT	07/01/2004 00:00:00	28/12/2004 00:00:00	10/555563	06/09/2007 00:00:00	2007-0209018-A1	12/11/2008 00:00:00	7458035
RC A89647	RC A89647-US-DIV11	US	DIV	15/07/1999 00:00:00	22/09/2006 00:00:00	11/593276	18/01/2007 00:00:00	2007-0020181-A1	11/09/2007 00:00:00	8018149
PE050090	PE050090-US-PT	US	PT	28/09/2005 00:00:00	28/09/2005 00:00:00	11/993276	17/06/2010 00:00:00	2010-0149839-A1	13/09/2011 00:00:00	8018149
PE070106	PE070106-US-PT	US	PT	14/12/2007 00:00:00	14/12/2007 00:00:00	12/450637	02/09/2010 00:00:00	2010-0220237-A1		
PE070262	PE070262-US-PT	US	PT	16/01/2008 00:00:00	16/01/2008 00:00:00	12/863031	03/03/2011 00:00:00	2011-0063543-A1		
RC A89532	RC A89532-US-DIV	US	DIV	30/04/1999 00:00:00	06/01/2009 00:00:00	12/349503	09/07/2009 00:00:00	2009-0178079-A1	04/06/2013 00:00:00	8457573
PE080130	PE080130-US-PT	US	PT	22/07/2008 00:00:00	21/07/2009 00:00:00	12/737497	26/05/2011 00:00:00	2011-0122945-A1		
PE100031	PE100031-US-PT	US	PT	30/09/2010 00:00:00	30/09/2010 00:00:00	13/825405	11/07/2013 00:00:00	2013-0129921-A1	05/08/2014 00:00:00	8729815
PE101076	PE101076-US-NP	US	NP	19/12/2011 00:00:00	03/12/2012 00:00:00	13/692140	20/06/2013 00:00:00	2013-0155931-A1	18/08/2015 00:00:00	9113225
PE100129	PE100129-US-PT	US	PT	31/12/2011 00:00:00	31/12/2011 00:00:0					

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PLI20027	PLI20027-US-PT	US	PT	06/02/2002 00:00:00	06/02/2013 00:00:00	14,374,698				
PC060160	PC060160-US-PT	US	PT	19/12/2008 00:00:00	18/12/2009 00:00:00	12,998,982	16/08/2012 00:00:00	2012-0027217-A1		
PC060180	PC060180-US-PT	US	PT	13/11/2008 00:00:00	10/05/2011 00:00:00	11,128,467	15/09/2011 00:00:00	2011-0122260-A1		
PC060123	PC060123-US-PT	US	NP	07/10/2009 00:00:00	22/09/2009 00:00:00	12,566,442	05/08/2010 00:00:00	2010-0199300-A1	19/08/2014 00:00:00	8813119
PF100054	PF100054-US-PT	US	NP	16/09/2010 00:00:00	25/08/2011 00:00:00	13,199,930	31/01/2013 00:00:00	2013-0028511-A1	07/05/2013 00:00:00	8443543
PC060143	PC060143-US-PT	US	PT	05/10/2009 00:00:00	29/09/2010 00:00:00	13,498,467	19/07/2012 00:00:00	2012-0183053-A1		
RC488489	RC488489-US-PT	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08,769,331			27/07/1999 00:00:00	5929927
RC488321	RC488321-US-PT	US	NP	14/04/1997 00:00:00	05/10/1999 00:00:00	09,402,524			24/02/2009 00:00:00	7496946
RC488286	RC488286-US-PT	US	NP		17/08/1998 00:00:00	09,125,323			23/10/2001 00:00:00	6307597
RC488229	RC488229-US-PT	US	NP		12/03/1998 00:00:00	09,125,323			12/11/2001 00:00:00	6480238
RC488652	RC488652-US-PT	US	PT	20/07/1998 00:00:00	20/07/1999 00:00:00	09,744,111			13/08/2002 00:00:00	6434309
RC490187	RC490187-US-PT	US	NP	09/06/2000 00:00:00	09/06/2002 00:00:00	09,590,910			11/06/2002 00:00:00	6894725
PLI01014	PLI01014-US-PT	US	NP	03/12/2000 00:00:00	05/07/2002 00:00:00	10,180,185	05/06/2003 00:00:00	2003-0103163-A1	17/05/2005 00:00:00	6694955
PLI020341	PLI020341-US-PT	US	NP	26/07/2002 00:00:00	26/07/2002 00:00:00	10,206,690	29/01/2004 00:00:00	2004-0017865-A1	25/10/2005 00:00:00	6567252
PC090097	PC090097-US-PT	US	NP	30/12/2000 00:00:00	15/12/2000 00:00:00	09,737,403	05/07/2001 00:00:00	2001-0006447-A1	23/03/2004 00:00:00	6711597
RC489208	RC489208-US-PT	US	PT	23/06/1998 00:00:00	06/05/1999 00:00:00	09,719,884			02/01/2001 00:00:00	6661462
RC489584	RC489584-US-PT	US	NP	14/07/1999 00:00:00	14/07/2001 00:00:00	09,353,400	14/03/2002 00:00:00	2002-0031180-A1	01/11/2005 00:00:00	6661379
PC000022	PC000022-US-PT	US	NP	12/07/2000 00:00:00	14/12/2001 00:00:00	10,017,616	06/03/2003 00:00:00	2003-0043300-A1	09/11/2004 00:00:00	6816203
PLI010179	PLI010179-US-PT	US	NP	28/06/2001 00:00:00	22/06/2001 00:00:00	10,481,061	12/08/2004 00:00:00	2004-0165349-A1	22/05/2012 00:00:00	8184523
RC490167	RC490167-US-PT	US	PT	22/06/2001 00:00:00	22/12/1998 00:00:00	09,219,744	13/06/2002 00:00:00	2002-0073427-A1	29/07/2012 00:00:00	6601238
RC488873	RC488873-US-PT	US	NP	22/12/1998 00:00:00	28/04/2003 00:00:00	10,424,895	06/11/2003 00:00:00	2003-0210354-A1	20/01/2009 00:00:00	7479934
PC020042	PC020042-US-PT	US	NP	07/05/2002 00:00:00	28/04/2003 00:00:00	10,424,895	06/11/2003 00:00:00	2003-0210354-A1	27/10/2009 00:00:00	7609235
PC020038	PC020038-US-PT	US	NP	04/05/2002 00:00:00	20/10/2004 00:00:00	10,969,929	21/04/2005 00:00:00	2005-0083439-A1	26/02/2008 00:00:00	7336320
PC030099	PC030099-US-PT	US	NP	01/10/2003 00:00:00	30/09/2005 00:00:00	11,954,774	29/09/2005 00:00:00	2005-0213868-A1	20/04/2010 00:00:00	7702168
PC030151	PC030151-US-PT	US	NP	11/06/2004 00:00:00	02/09/2006 00:00:00	11,146,773	29/09/2005 00:00:00	2005-0213868-A1	06/09/2011 00:00:00	8015588
PC040082	PC040082-US-PT	US	NP	15/07/1999 00:00:00	08/12/2006 00:00:00	11,656,548	14/06/2007 00:00:00	2007-0070751-A1	03/09/2013 00:00:00	8525931
RC489647	RC489647-US-PT	US	NP	12/12/2005 00:00:00	20/04/2006 00:00:00	11,920,307	04/04/2009 00:00:00	2009-0098843-A1	06/03/2012 00:00:00	8131236
PC050091	PC050091-US-PT	US	PT	19/05/2005 00:00:00	02/04/2006 00:00:00	12,448,462	16/04/2010 00:00:00	2010-0027681-A1		
PLI060114	PLI060114-US-PT	US	PT	23/08/2006 00:00:00	06/08/2007 00:00:00	12,310,302	13/05/2010 00:00:00	2010-0121946-A1	10/06/2014 00:00:00	8751617
PLI060198	PLI060198-US-PT	US	PT	16/10/2006 00:00:00	27/02/2007 00:00:00	12,311,174	07/01/2010 00:00:00	2010-0002761-A1		
PLI060198	PLI060198-US-PT	US	PT	20/04/2006 00:00:00	27/02/2007 00:00:00	12,249,909	26/02/2009 00:00:00	2009-0052543-A1	05/02/2013 00:00:00	8369422
PLI060158	PLI060158-US-PT	US	NP	16/10/2006 00:00:00	14/10/2006 00:00:00	12,754,206	02/08/2010 00:00:00	2010-0020796-A1	26/02/2013 00:00:00	8384102
PLI060120	PLI060120-US-PT	US	NP	03/10/2008 00:00:00	14/10/2008 00:00:00	12,567,049	06/04/2009 00:00:00	2009-0048672-A1	05/08/2014 00:00:00	8738149
PLI060180	PLI060180-US-PT	US	NP	15/10/2007 00:00:00	14/10/2008 00:00:00	12,827,842	30/04/2009 00:00:00	2009-0100703-A1		
PLI060180	PLI060180-US-PT	US	NP	16/10/2011 00:00:00	23/11/2011 00:00:00	13,821,882	16/05/2013 00:00:00	2013-0128682-A1		
PLI060180	PLI060180-US-PT	US	NP	22/09/2011 00:00:00	23/09/2011 00:00:00	13,821,882	16/05/2013 00:00:00	2013-0128682-A1		
PLI060180	PLI060180-US-PT	US	NP	27/04/2011 00:00:00	17/12/2012 00:00:00	13,740,456	14/02/2013 00:00:00	2013-0089893-A1		
PLI060180	PLI060180-US-PT	US	NP	15/12/2011 00:00:00	17/12/2012 00:00:00	13,740,456	14/02/2013 00:00:00	2013-0089893-A1		
PLI060180	PLI060180-US-PT	US	NP	24/06/2011 00:00:00	19/06/2012 00:00:00	14,138,632	08/05/2014 00:00:00	2014-0112683-A1		
PLI060180	PLI060180-US-PT	US	NP	20/10/2009 00:00:00	13/10/2010 00:00:00	13,503,026	25/04/2013 00:00:00	2013-0101040-A1		
PLI060180	PLI060180-US-PT	US	NP	14/12/2009 00:00:00	10/12/2010 00:00:00	12,932,887	10/01/2013 00:00:00	2013-0010683-A1		
PLI060145	PLI060145-US-PT	US	NP	03/12/2009 00:00:00	03/12/2009 00:00:00	12,582,887	30/08/2010 00:00:00	2010-0046653-A1	08/01/2013 00:00:00	8351697
PLI060132	PLI060132-US-PT	US	NP	12/02/2010 00:00:00	16/02/2011 00:00:00	12,932,887	11/02/2011 00:00:00	2011-0211643-A1		
PLI060096	PLI060096-US-PT	US	DIV	11/05/2009 00:00:00	09/10/2009 00:00:00	12,582,885	11/02/2011 00:00:00	2011-0036945-A1	09/08/2011 00:00:00	7396565
PLI060041	PLI060041-US-PT	US	PT	14/04/2009 00:00:00	26/03/2010 00:00:00	13,138,660	02/02/2012 00:00:00	2012-0030219-A1	28/04/2015 00:00:00	9020287
RC487953	RC487953-US-PT	US	NP	25/01/1996 00:00:00	17/08/1996 00:00:00	08,591,075			07/11/2000 00:00:00	5713837
RC488600	RC488600-US-PT	US	NP	07/03/1998 00:00:00	17/08/1998 00:00:00	09,125,320			10/04/2004 00:00:00	6215424
RC488969	RC488969-US-PT	US	NP	16/12/1998 00:00:00	11/03/1999 00:00:00	09,213,041			11/06/2002 00:00:00	6404461
PC980013	PC980013-US-PT	US	NP	14/04/1998 00:00:00	11/03/1999 00:00:00	09,266,430			20/01/2004 00:00:00	6681209
PC980029	PC980029-US-PT	US	NP	15/05/1998 00:00:00	30/10/2001 00:00:00	10,415,514	11/03/2004 00:00:00	2004-0047596-A1	21/07/2009 00:00:00	7565679
PLI020502	PLI020502-US-PT	US	NP	06/10/2003 00:00:00	06/03/2003 00:00:00	10,383,356	09/09/2004 00:00:00	2004-0047596-A1	09/10/2012 00:00:00	8285727
PC000017	PC000017-US-PT	US	PT	18/11/2000 00:00:00	09/11/2001 00:00:00	10,432,146	04/03/2004 00:00:00	2004-0041949-A1	28/11/2006 00:00:00	7143253
PC030073	PC030073-US-PT	US	PT	07/07/2003 00:00:00	29/06/2004 00:00:00	10,563,432	26/07/2007 00:00:00	2007-0171687-A1	19/11/2010 00:00:00	7649755
PC020008	PC020008-US-PT	US	PT	08/05/2002 00:00:00	24/04/2003 00:00:00	10,513,333	13/10/2005 00:00:00	2005-0229225-A1	22/11/2011 00:00:00	8064751
PLI030257	PLI030257-US-PT	US	PT	26/08/2004 00:00:00	24/08/2004 00:00:00	10,569,168	25/01/2007 00:00:00	2007-0019724-A1	06/12/2011 00:00:00	8027948
PC040034	PC040034-US-PT	US	PT	12/03/2004 00:00:00	28/02/2005 00:00:00	10,592,820	25/09/2008 00:00:00	2008-0232473-A1	14/06/2011 00:00:00	7961785
PC040034	PC040034-US-PT	US	NP	05/07/2004 00:00:00	16/06/2005 00:00:00	11,144,360	05/01/2006 00:00:00	2006-0020264-A1	13/12/2011 00:00:00	8078034
PC040023	PC040023-US-PT	US	PT	17/02/2004 00:00:00	04/02/2005 00:00:00	10,598,448	30/08/2007 00:00:00	2007-0203695-A1	30/03/2010 00:00:00	7688871
PC040113	PC040113-US-PT	US	PT	29/10/2005 00:00:00	06/10/2006 00:00:00	11,595,665	05/05/2009 00:00:00	2009-0205089-A1	18/10/2011 00:00:00	8040439
PC060063	PC060063-US-PT	US	DIV	29/03/2006 00:00:00	13/03/2007 00:00:00	12,225,641	08/07/2010 00:00:00	2010-0172441-A1	27/05/2014 00:00:00	8737566
RC489647	RC489647-US-PT	US	DIV	15/07/1999 00:00:00	11/08/2007 00:00:00	11,893,556	20/12/2007 00:00:00	2007-0291183-A1	07/12/2010 00:00:00	7847866
PC060124	PC060124-US-PT	US	PT	20/08/2008 00:00:00	06/08/2009 00:00:00	12,737,338	16/06/2011 00:00:00	2011-0142138-A1		
PC060136	PC060136-US-PT	US	NP	27/10/2008 00:00:00	07/11/2009 00:00:00	12,599,718	13/05/2010 00:00:00	2010-0122202-A1	13/05/2015 00:00:00	9032455
PLI070275	PLI070275-US-PT	US	NP	07/12/2008 00:00:00	07/11/2008 00:00:00	12,291,330	11/06/2009 00:00:00	2009-0147850-A1	08/10/2013 00:00:00	8553781
PLI080071	PLI080071-US-PT	US	PT	28/05/2008 00:00:00	28/05/2008 00:00:00	12,994,984	24/03/2010 00:00:00	2011-0065964-A1		
PLI080016	PLI080016-US-PT	US	PT	09/06/2006 00:00:00	09/06/2006 00:00:00	12,308,136	12/11/2009 00:00:00	2009-0279630-A1	15/10/2013 00:00:00	8559501
PC110060	PC110060-US-PT	US	PT	13/09/2011 00:00:00	24/08/2012 00:00:00	14,344,320	12/05/2015 00:00:00	2015-0139287-A1		
PC090121	PC090121-US-PT	US	PT	19/11/2009 00:00:00	08/11/2010 00:00:00	13,509,813	25/10/2012 00:00:00	2012-0269629-A1		
PC110111	PC110111-US-PT	US	NP	21/12/2011 00:00:00	18/12/2012 00:00:00	13,771,757	27/06/2013 00:00:00	2013-0167167-A1		
PLI100096	PLI100096-US-PT	US	PT	23/04/2011 00:00:00	18/04/2011 00:00:00	13,642,444	14/02/2013 00:00:00	2013-0041862-A1	27/01/2015 00:00:00	8943523
PLI110041	PLI110041-US-PT	US	PT	25/05/2010 00:00:00	25/05/2011 00:00:00	13,659,954	08/08/2013 00:00:00	2013-0205310-A1		
PC10001										

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PI100169	PI100169-US-PT	US	PT	29/07/2010 00:00:00	29/07/2010 00:00:00	13.810408	09/09/2013 00:00:00	2013-0114550-A1	21/04/2015 00:00:00	9014227
PI100041	PI100041-US-PT	US	PT	19/08/2010 00:00:00	08/08/2011 00:00:00	13.810702	15/08/2013 00:00:00	2013-0120898-A1		
PI1001049	PI010049-US-NP	US	NP	20/02/2012 00:00:00	19/02/2013 00:00:00	13.7709927	22/08/2013 00:00:00	2013-0214560-A1		
PI009068	PI009068-US-PT	US	PT	29/06/2009 00:00:00	28/06/2010 00:00:00	13.776620	05/04/2012 00:00:00	2012-0082397-A1	28/01/2014 00:00:00	8639056
PI009079	PI009079-US-NP	US	NP	29/06/2009 00:00:00	25/06/2010 00:00:00	12.803370	30/12/2012 00:00:00	2010-0329554-A1	10/01/2013 00:00:00	8346009
PI100068	PI100068-US-PT	US	NP	23/09/2010 00:00:00	13/08/2011 00:00:00	13.136657	29/01/2012 00:00:00	2012-0075419-A1		
PI100045	PI100045-US-PT	US	PT	16/02/2010 00:00:00	16/02/2011 00:00:00	13.577663	06/12/2012 00:00:00	2012-0307817-A1		
PI009142	PI009142-US-PT	US	PT	15/10/2009 00:00:00	15/10/2010 00:00:00	13.577476	17/01/2013 00:00:00	2013-0016768-A1		
RC4887856	RC4887856-US-NP	US	NP	12/04/1996 00:00:00	12/04/1996 00:00:00	08.631484			07/09/1999 00:00:00	5949398
RC488707	RC488707-US-NP	US	NP	15/11/1996 00:00:00	15/11/1996 00:00:00	09.075746			21/09/1999 00:00:00	5956240
RC488707	RC488707-US-NP	US	NP	10/07/1997 00:00:00	09/04/1998 00:00:00	09.075746			29/08/2000 00:00:00	6111611
PR960036	PR960036-US-NP	US	NP	06/09/1996 00:00:00	18/08/1997 00:00:00	08.912656			14/11/2000 00:00:00	6148107
PR960036	PR960036-US-NP	US	NP	10/11/1998 00:00:00	10/11/1998 00:00:00	09.4397370			13/06/2006 00:00:00	7061678
PR970052	PR970052-US-NP	US	NP	04/09/1997 00:00:00	24/08/1998 00:00:00	09.138608	16/10/2001 00:00:00	6304545	20/12/2005 00:00:00	6977669
PR980045	PR980045-US-PT	US	PT	17/07/1999 00:00:00	16/07/1999 00:00:00	09.743970	25/03/2004 00:00:00	2004-0057498-A1	12/02/2004 00:00:00	6795486
PI020338	PI020338-US-NP	US	NP	23/09/2002 00:00:00	23/09/2002 00:00:00	10.252573	01/05/2003 00:00:00	2003-0080912-A1	12/07/2005 00:00:00	6917342
PR010130	PR010130-US-NP	US	NP	29/10/2001 00:00:00	09/07/2001 00:00:00	10.280495	22/01/2004 00:00:00	2004-0012456-A1	12/06/2007 00:00:00	7230484
PR000076	PR000076-US-PT	US	PT	21/07/2000 00:00:00	24/10/2001 00:00:00	10.333320	27/06/2002 00:00:00	2002-0080268-A1	28/02/2006 00:00:00	7006147
PI000183	PI000183-US-NP	US	NP	30/11/2000 00:00:00	17/04/2003 00:00:00	10.003565	16/03/2006 00:00:00	2006-0055780-A1	17/02/2009 00:00:00	7492355
PI020144	PI020144-US-PT	US	PT	22/04/2002 00:00:00	10/09/2003 00:00:00	10.519230	22/06/2006 00:00:00	2006-0133492-A1	21/09/2010 00:00:00	7801217
PI030225	PI030225-US-PT	US	PT	01/10/2002 00:00:00	12/04/2003 00:00:00	10.519711	22/06/2006 00:00:00	2006-0133492-A1	10/10/2006 00:00:00	7120003
PO20033	PO20033-US-PT	US	PT	22/04/2002 00:00:00	04/01/2005 00:00:00	10.511834	22/09/2005 00:00:00	2009-0206321-A1	05/12/2012 00:00:00	8326900
PR040009	PR040009-US-PT	US	PT	06/01/2004 00:00:00	14/06/2005 00:00:00	10.584647	04/06/2009 00:00:00	2009-0144608-A1	25/12/2012 00:00:00	83240176
PR040098	PR040098-US-NP	US	NP	01/07/2004 00:00:00	21/02/2005 00:00:00	11.152611	05/01/2006 00:00:00	2006-0006252-A1	08/05/2012 00:00:00	83240176
PO040033	PO040033-US-PT	US	PT	02/03/2004 00:00:00	09/08/2005 00:00:00	10.590307	31/01/2008 00:00:00	2008-0025994-A1	12/02/2013 00:00:00	8311121
PI050095	PI050095-US-NP	US	NP	13/05/2005 00:00:00	18/05/2006 00:00:00	09.635735	19/03/2009 00:00:00	2009-0074061-A1	13/02/2013 00:00:00	8324239
PI050148	PI050148-US-PT	US	PT	13/07/2005 00:00:00	10/10/2006 00:00:00	11.998265	24/06/2010 00:00:00	2010-0158110-A1	09/10/2012 00:00:00	8325486
PI050236	PI050236-US-PT	US	PT	17/07/2007 00:00:00	15/07/2008 00:00:00	12.452694	13/05/2010 00:00:00	2010-0191691-A1	05/05/2015 00:00:00	8285064
PR080026	PR080026-US-PT	US	PT	15/02/2008 00:00:00	11/02/2009 00:00:00	12.775748	09/12/2009 00:00:00	2010-0309231-A1		9024962
PI100280	PI100280-US-PT	US	PT	04/01/2011 00:00:00	28/12/2011 00:00:00	13.989991	14/11/2013 00:00:00	2013-0304916-A1		6633444
RC489637	RC489637-US-NP	US	NP	15/07/1999 00:00:00	31/05/2000 00:00:00	09.584148	04/12/2014 00:00:00	2014-0354652-A1	14/10/2003 00:00:00	
PR110195	PR110195-US-PT	US	PT	13/01/2012 00:00:00	08/10/2012 00:00:00	14.317018	15/08/2013 00:00:00	2013-0208782-A1		
PI100063	PI100063-US-PT	US	PT	16/03/2012 00:00:00	03/05/2012 00:00:00	13.634663	05/09/2013 00:00:00	2013-0232526-A1		
PI100090	PI100090-US-PT	US	PT	09/11/2012 00:00:00	09/11/2012 00:00:00	13.863632				
PI100090	PI100090-US-PT	US	PT	23/03/2012 00:00:00	09/07/2012 00:00:00	14.380394	22/01/2015 00:00:00	2015-0036764-A1		
PI100102	PI100102-US-PT	US	PT	20/03/2012 00:00:00	28/03/2012 00:00:00	14.380788	30/10/2014 00:00:00	2014-0203592-A1		
PI100102	PI100102-US-PT	US	PT	00/11/2011 00:00:00	28/11/2012 00:00:00	14.382344	08/09/2011 00:00:00	2011-0216820-A1	01/04/2014 00:00:00	8687013
PI100036	PI100036-US-NP	US	NP	22/02/2008 00:00:00	16/03/2009 00:00:00	11.9323185	21/06/2012 00:00:00	2012-0159544-A1	10/09/2014 00:00:00	8750371
PR100123	PR100123-US-NP	US	NP	23/12/2010 00:00:00	12/12/2011 00:00:00	11.9323185				
RC488838	RC488838-US-PT	US	PT	18/12/1996 00:00:00	15/12/1997 00:00:00	09.319822				6600845
RC488207	RC488207-US-NP	US	NP	18/12/1996 00:00:00	01/06/1998 00:00:00	09.319815				6608955
PR060006	PR060006-US-PT	US	PT	02/02/1996 00:00:00	13/01/1997 00:00:00	09.028390				6154481
PR970053	PR970053-US-NP	US	NP	31/12/1997 00:00:00	14/12/1998 00:00:00	09.211881				7222353
RC488936	RC488936-US-NP	US	NP	18/12/1997 00:00:00	16/06/2001 00:00:00	09.581753				7222353
RC4889266	RC4889266-US-PT	US	PT	12/03/2001 00:00:00	07/08/2002 00:00:00	10.204729	04/12/2003 00:00:00	2003-0223731-A1	28/12/2003 00:00:00	7860375
PI020164	PI020164-US-PT	US	PT	30/12/1999 00:00:00	30/12/1999 00:00:00	09.475448	16/12/2004 00:00:00	2004-0255042-A1	24/05/2011 00:00:00	7950032
RC489385	RC489385-US-NP	US	NP	16/04/2001 00:00:00	16/04/2002 00:00:00	10.474910	10/06/2004 00:00:00	2004-0109092-A1	23/08/2006 00:00:00	7167215
PI010069	PI010069-US-PT	US	PT	25/11/1998 00:00:00	11/11/1999 00:00:00	09.856644				6534333
PR980080	PR980080-US-PT	US	PT	09/06/2000 00:00:00	05/06/2001 00:00:00	09.874696	14/02/2002 00:00:00	2002-0018019-A1	18/03/2003 00:00:00	6535169
PR000055	PR000055-US-NP	US	NP	10/05/2001 00:00:00	10/05/2001 00:00:00	09.852570	12/12/2002 00:00:00	2002-0187796-A1	17/05/2005 00:00:00	6695252
PI010089	PI010089-US-PT	US	PT	20/08/1999 00:00:00	20/08/1999 00:00:00	09.378671				7099561
RC489727	RC489727-US-NP	US	NP	31/08/2000 00:00:00	31/08/2000 00:00:00	09.653603				6466178
PR010134	PR010134-US-PT	US	PT	30/10/2001 00:00:00	17/10/2002 00:00:00	10.494172	27/10/2005 00:00:00	2005-0240973-A1	11/12/2007 00:00:00	7307671
PR030113	PR030113-US-PT	US	PT	03/07/2003 00:00:00	02/07/2004 00:00:00	10.562703	14/09/2006 00:00:00	2006-0060780-A1	15/04/2014 00:00:00	8699564
PI040015	PI040015-US-PT	US	PT	26/01/2004 00:00:00	26/01/2004 00:00:00	10.587288	21/06/2007 00:00:00	2007-0139556-A1	15/09/2008 00:00:00	7590938
PR040172	PR040172-US-PT	US	PT	17/12/2005 00:00:00	12/12/2005 00:00:00	11.793549	04/06/2009 00:00:00	2009-0142033-A1	22/01/2013 00:00:00	7459907
PI040153	PI040153-US-PT	US	PT	18/05/2004 00:00:00	05/05/2005 00:00:00	11.556497	21/06/2009 00:00:00	2009-0043149-A1	09/08/2011 00:00:00	7995147
PR050276	PR050276-US-PT	US	PT	07/12/2005 00:00:00	26/10/2006 00:00:00	12.085257	24/09/2009 00:00:00	2009-0238280-A1	01/01/2013 00:00:00	8345762
PR050098	PR050098-US-PT	US	PT	18/02/2005 00:00:00	14/02/2006 00:00:00	11.884558	05/03/2009 00:00:00	2009-0028245-A1	19/08/2014 00:00:00	8810734
PI050210	PI050210-US-PT	US	PT	31/08/2005 00:00:00	26/09/2006 00:00:00	11.993199	21/06/2008 00:00:00	2008-0199144-A1		
RC488641	RC488641-US-DIV11	US	DIV	14/04/1997 00:00:00	23/09/1997 00:00:00	12.031026	06/05/2010 00:00:00	2010-0111193-A1		
PI080024	PI080024-US-PT	US	PT	16/05/2007 00:00:00	16/04/2008 00:00:00	12.450707	23/07/2009 00:00:00	2009-0186165-A1	18/08/2015 00:00:00	9111142
PI060186	PI060186-US-PT	US	PT	28/06/2008 00:00:00	14/01/2008 00:00:00	12.775361	11/11/2010 00:00:00	2010-0283909-A1	24/06/2014 00:00:00	8761310
PI070432	PI070432-US-PT	US	PT	21/06/2010 00:00:00	06/09/2012 00:00:00	13.805195	27/12/2012 00:00:00	2013-0089266-A1	19/05/2015 00:00:00	9036932
PI020502	PI020502-US-PT	US	PT	06/03/2003 00:00:00	06/06/2011 00:00:00	13.700682				
PI100129	PI100129-US-PT	US	PT	07/06/2010 00:00:00	12/12/2012 00:00:00	14.372938				
PR120022	PR120022-US-PT	US	PT	13/02/2012 00:00:00	06/02/2013 00:00:00	14.372938				
PR120022	PR120022-US-PT	US	PT	18/08/2010 00:00:00	14/05/2011 00:00:00	13.817256	06/06/2013 00:00:00	2013-0145194-A1		
PR100042	PR100042-US-NP	US	NP	04/06/2010 00:00:00	14/05/2011 00:00:00	13.088549	08/12/2011 00:00:00	2011-0302555-A1		
RC489399	RC489399-US-NP	US	NP	18/02/1999 00:00:00	16/08/2000 00:00:00	09.622329	18/04/2005 00:00:00			7032236

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
RCA88983	RC88983-2-US-NP	US	NP	02/08/1998 00:00:00	07/08/1998 00:00:00	09/130872			15/05/2001 00:00:00	6233020
PF990072	PF990072-US-NP	US	NP	10/11/1998 00:00:00	06/11/2000 00:00:00	09/705684			04/11/2008 00:00:00	7484059
PU010140	PU010140-US-NP	US	NP	29/06/2001 00:00:00	29/06/2001 00:00:00	09/895666	02/01/2003 00:00:00	2003-0001881-A1	06/07/2010 00:00:00	7275250
PF980059	PF980059-US-PT	US	PT	07/09/1998 00:00:00	06/09/1999 00:00:00	09/7866432			05/08/2008 00:00:00	7408987
PU010002	PU010002-US-PT	US	PT	14/02/2001 00:00:00	04/02/2002 00:00:00	10/467815	08/04/2004 00:00:00	2004-0068402-A1	02/14/2008 00:00:00	7406678
RCA89548	RC889548-US-NP	US	NP	25/05/1999 00:00:00	16/02/2002 00:00:00	09/506673			04/04/2008 00:00:00	7024676
PF010026	PF010026-US-NP	US	NP	14/03/2001 00:00:00	28/02/2002 00:00:00	10/086603	19/09/2002 00:00:00	2002-01331507-A1	09/10/2007 00:00:00	7286060
RCA89790	RC889790-US-NP	US	NP	11/01/2000 00:00:00	11/01/2000 00:00:00	09/481040			26/12/2000 00:00:00	6166926
PO960030	PO960030-US-CTA	US	CTA	15/05/1996 00:00:00	28/05/1999 00:00:00	09/322642	25/07/2002 00:00:00	2002-0098882-A1	01/04/2003 00:00:00	6542725
PU010133	PU010133-US-PT	US	PT	21/12/2002 00:00:00	16/12/2002 00:00:00	10/499555	25/07/2005 00:00:00	2005-0084315-A1	28/08/2007 00:00:00	7263469
PU010178	PU010178-US-PT	US	PT	04/04/2002 00:00:00	02/04/2003 00:00:00	10/509943	27/07/2006 00:00:00	2006-0164048-A1	03/04/2007 00:00:00	7199562
PU020082	PU020082-US-PT	US	PT	03/04/2002 00:00:00	03/04/2003 00:00:00	10/509970	11/08/2005 00:00:00	2005-0164572-A1	07/02/2006 00:00:00	6996389
PF020098	PF020098-US-PT	US	PT	30/07/2002 00:00:00	12/10/2003 00:00:00	10/523182	28/06/2007 00:00:00	2007-0146224-A1	12/01/2009 00:00:00	7479929
PU040276	PU040276-US-PT	US	PT	14/10/2003 00:00:00	21/07/2004 00:00:00	10/575501	15/03/2007 00:00:00	2007-0058866-A1	16/03/2010 00:00:00	7680356
PF050026	PF050026-US-PT	US	PT	07/01/2005 00:00:00	22/12/2005 00:00:00	11/794858	24/04/2008 00:00:00	2008-0093452-A1	12/07/2015 00:00:00	9087230
PU040245	PU040245-US-PT	US	PT	03/09/2004 00:00:00	26/08/2005 00:00:00	11/661947	24/04/2008 00:00:00	2008-0094514-A1	15/11/2011 00:00:00	80859202
PF040055	PF040055-US-PT	US	PT	06/04/2004 00:00:00	31/03/2005 00:00:00	11/547372	20/11/2009 00:00:00	2008-0288438-A1		
PU050015	PU050015-US-PT	US	PT	06/04/2005 00:00:00	20/03/2006 00:00:00	11/887811	19/11/2009 00:00:00	2009-0285299-A1	12/06/2012 00:00:00	8198916
PU050226	PU050226-US-PT	US	PT	29/09/2005 00:00:00	07/09/2006 00:00:00	11/992702	01/07/2010 00:00:00	2010-0166071-A1	05/03/2013 00:00:00	8391363
PF070071	PF070071-US-PT	US	PT	27/06/2007 00:00:00	20/06/2008 00:00:00	12/452966	02/09/2010 00:00:00	2010-0220111-A1	19/03/2013 00:00:00	8400465
PU070032	PU070032-US-PT	US	PT	29/03/2006 00:00:00	27/02/2007 00:00:00	12/224817	20/08/2009 00:00:00	2009-0207904-A1		
CT980003	CT980003-US-CNT1	US	CNT	25/03/1998 00:00:00	26/01/2007 00:00:00	11/698460	31/05/2009 00:00:00	2007-0124594-A1	21/12/2010 00:00:00	7856557
RCA89027	RC889027-US-DIV11	US	DIV	30/06/1998 00:00:00	10/11/2008 00:00:00	12/291531	21/05/2009 00:00:00	2009-0133072-A1	24/06/2014 00:00:00	8765306
PU080063	PU080063-US-PT	US	PT	25/04/2008 00:00:00	09/01/2009 00:00:00	12/736142	06/01/2011 00:00:00	2011-0004894-A1		
PU080002	PU080002-US-PT	US	PT	10/01/2008 00:00:00	29/05/2008 00:00:00	12/755326	03/12/2009 00:00:00	2011-0007800-A1	14/04/2015 00:00:00	9008174
PU080078	PU080078-US-NP	US	NP	29/05/2008 00:00:00	26/06/2008 00:00:00	12/156048			08/05/2013 00:00:00	814972
PU080114	PU080114-US-PT	US	PT	26/06/2008 00:00:00	15/12/2009 00:00:00	12/737176	07/06/2012 00:00:00	2012-0143660-A1		
PU090184	PU090184-US-PT	US	PT	15/12/2009 00:00:00	10/10/2011 00:00:00	13/515854	29/08/2013 00:00:00	2013-023523-A1		
PU090098	PU090098-US-PT	US	PT	14/10/2010 00:00:00	28/12/2009 00:00:00	13/519517	15/11/2012 00:00:00	2013-0282780-A1	13/01/2015 00:00:00	8934330
PU010012	PU010012-US-PT	US	PT	22/01/2012 00:00:00	20/01/2011 00:00:00	13/522589	22/11/2012 00:00:00	2012-0284550-A1	15/07/2014 00:00:00	8781253
PU110141	PU110141-US-PT	US	PT	15/02/2012 00:00:00	15/02/2012 00:00:00	14/371573	04/12/2014 00:00:00	2014-0358670-A1		
PU110074	PU110074-US-PT	US	PT	28/11/2011 00:00:00	26/09/2012 00:00:00	14/360693	26/03/2014 00:00:00	2014-0307770-A1	07/10/2014 00:00:00	8855576
PU100167	PU100167-US-PT	US	PT	10/09/2011 00:00:00	09/09/2011 00:00:00	13/821283	27/06/2013 00:00:00	2013-0407896-A1		
PU100118	PU100118-US-PT	US	PT	19/07/2011 00:00:00	20/06/2012 00:00:00	14/235356	06/06/2013 00:00:00	2013-0163679-A1		
PU090148	PU090148-US-PT	US	PT	19/09/2011 00:00:00	18/09/2011 00:00:00	13/811029	06/06/2013 00:00:00	2013-0145023-A1		
PU090148	PU090148-US-PT	US	PT	20/09/2011 00:00:00	18/09/2011 00:00:00	13/811029	06/06/2013 00:00:00	2013-0145023-A1		
PU100138	PU100138-US-PT	US	PT	15/07/2012 00:00:00	15/07/2012 00:00:00	14/378450	05/07/2015 00:00:00	2015-0000014-A1		
PU050006	PU050006-US-DIV	US	DIV	08/01/2006 00:00:00	18/06/2014 00:00:00	14/308825	01/07/2015 00:00:00	2015-0003852-A1		
PU090187	PU090187-US-PT	US	PT	15/12/2010 00:00:00	13/12/2010 00:00:00	13/515665	04/10/2012 00:00:00	2012-0248750-A1	12/05/2015 00:00:00	9030650
PU100047	PU100047-US-PT	US	PT	19/07/2010 00:00:00	08/12/2010 00:00:00	13/515665	29/11/2012 00:00:00	2012-0344231-A1	29/07/2014 00:00:00	8867634
PU090031	PU090031-US-PT	US	PT	12/03/2010 00:00:00	12/03/2010 00:00:00	13/138685			12/10/2014 00:00:00	7533400
RCA88469	RC88469-US-PT	US	PT	14/04/1997 00:00:00	12/09/1997 00:00:00	09/402517			12/05/2008 00:00:00	6628012
RCA89007	RC889007-US-PT	US	PT	17/04/1998 00:00:00	16/04/1999 00:00:00	09/673041	29/12/2011 00:00:00	2011-031750-A1	11/01/2004 00:00:00	6118494
RCA88225	RC888225-US-NP	US	NP	15/10/1996 00:00:00	23/03/1999 00:00:00	09/147307			12/09/2000 00:00:00	5796596
RCA88211	RC888211-US-NP	US	NP	15/11/1996 00:00:00	15/11/1996 00:00:00	08/749749			18/08/1998 00:00:00	6031295
RCA88512	RC888512-US-NP	US	NP	02/12/1996 00:00:00	02/12/1996 00:00:00	08/759319			29/02/2000 00:00:00	6766026
PU000149	PU000149-US-NP	US	NP	15/12/2000 00:00:00	15/12/2000 00:00:00	09/737653	20/06/2002 00:00:00	2002-0076063-A1	20/07/2004 00:00:00	
PU010081	PU010081-US-NP	US	NP	10/05/2001 00:00:00	10/05/2001 00:00:00	09/853001	19/12/2002 00:00:00	2002-0191252-A1		
PF010036	PF010036-US-NP	US	NP	17/04/2002 00:00:00	10/04/2002 00:00:00	10/119605	17/10/2002 00:00:00	2002-0151330-A1	23/05/2006 00:00:00	7050830
PU020044	PU020044-US-NP	US	NP	26/02/2002 00:00:00	26/02/2002 00:00:00	10/083865	28/08/2003 00:00:00	2003-0163820-A1	15/07/2008 00:00:00	7401349
RCA89783	RC889783-US-PT	US	PT	08/09/1999 00:00:00	23/08/2000 00:00:00	09/664337			16/05/2006 00:00:00	7047313
RCA89982	RC889982-US-NP	US	NP	05/01/2000 00:00:00	23/08/2000 00:00:00	09/644337				
PU020116	PU020116-US-PT	US	PT	16/04/2002 00:00:00	01/04/2003 00:00:00	10/511398	30/06/2005 00:00:00	2005-0141629-A1	30/10/2007 00:00:00	7289569
PU010287	PU010287-US-NP	US	NP	31/01/2002 00:00:00	21/01/2003 00:00:00	10/347954	18/12/2003 00:00:00	2003-0145337-A1	06/05/2008 00:00:00	6769180
PU020276	PU020276-US-NP	US	NP	14/06/2002 00:00:00	24/01/2004 00:00:00	10/331129	01/11/2007 00:00:00	2007-0251441-A1	08/02/2008 00:00:00	7297363
PU030134	PU030134-US-PT	US	PT	18/12/2003 00:00:00	14/12/2004 00:00:00	10/583428	02/06/2005 00:00:00	2005-0116694-A1	24/07/2007 00:00:00	7248485
PU010083	PU010083-US-PT	US	PT	17/12/2002 00:00:00	05/12/2002 00:00:00	10/499233	31/08/2006 00:00:00	2006-0193885-A1		
PU030164	PU030164-US-PT	US	PT	25/06/2003 00:00:00	17/06/2004 00:00:00	10/506567	20/04/2006 00:00:00	2006-0083314-A1	06/09/2011 00:00:00	8014558
PU040285	PU040285-US-NP	US	NP	18/10/2004 00:00:00	07/10/2005 00:00:00	11/246474	05/07/2007 00:00:00	2007-0153992-A1	30/06/2015 00:00:00	9071840
PU040035	PU040035-US-PT	US	PT	30/01/2004 00:00:00	11/01/2005 00:00:00	11/068123				
RCA89417	RC889417-US-DIV11	US	DIV	20/08/1999 00:00:00	28/07/2006 00:00:00	11/495355	23/11/2006 00:00:00	2006-0263056-A1		
PU060190	PU060190-US-PT	US	PT	13/10/2006 00:00:00	12/10/2007 00:00:00	12/311481	07/01/2010 00:00:00	2010-0002762-A1		
PU060233	PU060233-US-PT	US	PT	17/11/2006 00:00:00	17/11/2006 00:00:00	12/514636	31/12/2009 00:00:00	2009-0322860-A1		
PU080157	PU080157-US-PT	US	PT	15/10/2007 00:00:00	14/10/2008 00:00:00	12/734173	19/08/2010 00:00:00	2010-0208809-A1	17/09/2013 00:00:00	8537894
PF070132	PF070132-US-NP	US	NP	14/12/2007 00:00:00	10/12/2008 00:00:00	12/316248	18/06/2009 00:00:00	2009-0154561-A1	03/06/2014 00:00:00	8743958
PU070031	PU070031-US-PT	US	PT	27/06/2007 00:00:00	27/06/2007 00:00:00	12/432923	03/06/2010 00:00:00	2010-0135393-A1	27/05/2014 00:00:00	873474
PU060030	PU060030-US-PT	US	PT	07/09/2006 00:00:00	07/09/2006 00:00:00	12/733655	24/02/2011 00:00:00	2011-004486-A1	18/12/2012 00:00:00	8335252
PF100045	PF100045-US-PT	US	PT	15/06/2010 00:00:00	07/06/2011 00:00:00	13/704599	15/08/2013 00:00:00	2013-0208807-A1		
PU100073	PU100073-US-PT	US	PT	22/03/2010 00:00:00	22/03/2011 00:00:00	13/634610	03/01/2013 00:00:00	2013-0007806-A1		
PU100062	PU100062-US-PT	US	PT	01/04/2010 00:00:00	01/04/2011 00:00:00	13/654981	18/04/2013 00:00:00	2013-0007372-A1		
PF110029	PF110029-US-NP	US	NP	15/10/2012 00:00:00	21/07/2013 00:00:00	13/651554				
PU100027	PU100027-US-PT	US	PT	21/07/2013 00:00:00	15/02/2011 00:00:00	13/810224	16/05/2013 00:00:00	2013-0120544-A1		
PU100219	PU100219-US-PT	US	PT	15/02/2011 00:00:00	15/02/2011 00:00:00	13/985565</				

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PA110018	PA110018-US-PT	US	PT	22/09/2011 00:00:00	22/09/2011 00:00:00	13,435,556	04/12/2014 00:00:00	2014-035986-A1		
PE110131	PE110131-US-PT	US	PT	22/12/2011 00:00:00	18/12/2012 00:00:00	13,717,176	27/06/2013 00:00:00	2013-016676-A1		
PA110042	PA110042-US-PT	US	PT	06/12/2011 00:00:00	06/12/2011 00:00:00	14,362,182				
PE110186	PE110186-US-PT	US	PT	23/03/2013 00:00:00	01/03/2013 00:00:00	14,386,338				
PA110042	PA110042-US-PT	US	PT	07/08/2009 00:00:00	03/08/2010 00:00:00	13,380,994	17/05/2012 00:00:00	2012-0124625-A1	14/04/2015 00:00:00	9009758
PA100109	PA100109-US-PT	US	PT	20/08/2009 00:00:00	12/08/2010 00:00:00	13,496,052	05/07/2012 00:00:00	2012-0134426-A1		
PA100120	PA100120-US-PT	US	PT	14/09/2009 00:00:00	14/09/2010 00:00:00	12,807,640	08/12/2011 00:00:00	2011-0058608-A1		
PA100046	PA100046-US-PT	US	NP	19/02/2009 00:00:00	19/02/2010 00:00:00	13,138,459	04/10/2012 00:00:00	2011-0298895-A1	19/05/2015 00:00:00	9036702
PE100029	PE100029-US-PT	US	PT	22/06/2009 00:00:00	16/06/2010 00:00:00	13,379,849				
PE100073	PE100073-US-PT	US	NP	16/07/1999 00:00:00	21/07/1999 00:00:00	09,358,670				
RC188429	RC188429-US-PT	US	NP	07/10/1996 00:00:00	22/03/1999 00:00:00	09,254,961				
RC188429	RC188429-US-PT	US	NP	25/03/1996 00:00:00	10/04/1997 00:00:00	08,635,915				
RC188353	RC188353-US-PT	US	NP	25/03/1996 00:00:00	26/03/1996 00:00:00	08,631,565				
RC188230	RC188230-US-PT	US	NP	27/04/1998 00:00:00	08/04/1999 00:00:00	09,288,180				
PE100025	PE100025-US-PT	US	NP	22/04/1998 00:00:00	19/04/1999 00:00:00	09,294,157				
RC188813	RC188813-US-PT	US	PT	15/07/1999 00:00:00	13/07/2000 00:00:00	10,030,601				
PE100097	PE100097-US-PT	US	NP	30/12/1999 00:00:00	18/12/2000 00:00:00	09,739,147	20/09/2001 00:00:00	2001-0022628-A1		
RC189203	RC189203-US-PT	US	PT	30/09/1999 00:00:00	30/09/1999 00:00:00	09,806,214				
PE100018	PE100018-US-PT	US	PT	26/04/1999 00:00:00	21/04/2000 00:00:00	09,719,683				
RC189700	RC189700-US-PT	US	PT	19/07/1999 00:00:00	19/07/2000 00:00:00	10,031,176				
RC189925	RC189925-US-PT	US	PT	04/11/1999 00:00:00	03/11/2000 00:00:00	10,129,445	23/09/2004 00:00:00	2004-0183621-A1	09/08/2011 00:00:00	7148766
PE100033	PE100033-US-PT	US	NP	09/03/2004 00:00:00	29/03/2004 00:00:00	10,767,885	16/08/2007 00:00:00	2007-0192585-A1	12/12/2006 00:00:00	7148766
PE100061	PE100061-US-PT	US	PT	24/04/2001 00:00:00	08/04/2002 00:00:00	10,474,022	20/05/2004 00:00:00	2004-0088513-A1	19/04/2011 00:00:00	7928697
PE100482	PE100482-US-PT	US	PT	26/11/2002 00:00:00	12/11/2003 00:00:00	10,535,979	04/05/2006 00:00:00	2006-0092330-A1	16/08/2011 00:00:00	8001289
PE100124	PE100124-US-PT	US	PT	27/09/2002 00:00:00	12/09/2003 00:00:00	10,528,729	02/02/2006 00:00:00	2006-0023944-A1	28/07/2009 00:00:00	7567289
PE100130	PE100130-US-PT	US	PT	07/10/2002 00:00:00	01/10/2003 00:00:00	10,529,934	03/05/2007 00:00:00	2007-0086856-A1	03/05/2011 00:00:00	7934308
CT1998003	CT1998003-US-DIV11	US	DIV	25/03/2003 00:00:00	28/09/2004 00:00:00	10,935,823	24/02/2005 00:00:00	2005-0041955-A1	24/05/2011 00:00:00	7760986
PE100141	PE100141-US-PT	US	PT	05/05/2003 00:00:00	24/09/2004 00:00:00	10,955,517	12/10/2006 00:00:00	2006-0227501-A1	24/09/2011 00:00:00	8542733
PE100180	PE100180-US-PT	US	PT	26/06/2003 00:00:00	01/03/2004 00:00:00	10,561,361	27/07/2006 00:00:00	2006-0165175-A1	21/04/2009 00:00:00	7532324
PE100209	PE100209-US-PT	US	PT	15/07/2003 00:00:00	02/03/2004 00:00:00	10,564,662	27/02/2006 00:00:00	2006-0165175-A1	10/01/2012 00:00:00	8094718
PE100135	PE100135-US-PT	US	NP	20/12/2005 00:00:00	12/01/2006 00:00:00	10,592,627	30/08/2007 00:00:00	2007-0201557-A1	06/10/2009 00:00:00	8306107
PE100119	PE100119-US-PT	US	NP	20/12/2005 00:00:00	29/11/2006 00:00:00	11,605,995	31/12/2009 00:00:00	2009-0138055-A1	06/10/2012 00:00:00	8306107
PE100042	PE100042-US-PT	US	PT	25/10/2006 00:00:00	28/10/2006 00:00:00	12,311,922	07/10/2010 00:00:00	2010-0254280-A1	09/07/2013 00:00:00	8482939
PE100291	PE100291-US-PT	US	PT	28/11/2007 00:00:00	14/12/2012 00:00:00	13,719,910	20/08/2013 00:00:00	2013-0155989-A1		
PE110098	PE110098-US-PT	US	NP	19/12/2011 00:00:00	14/12/2012 00:00:00	13,719,910	20/08/2013 00:00:00	2013-0155989-A1		
PE100248	PE100248-US-PT	US	NP	05/01/2012 00:00:00	14/12/2012 00:00:00	13,735,616	13/09/2015 00:00:00	2015-0217204-A1		
PE100174	PE100174-US-PT	US	NP	04/12/2012 00:00:00	14/12/2012 00:00:00	13,560,133	13/09/2015 00:00:00	2015-0217204-A1		
PE100117	PE100117-US-PT	US	PT	19/01/2012 00:00:00	19/01/2011 00:00:00	13,522,342	20/12/2012 00:00:00	2012-0320838-A1		
PE100020	PE100020-US-PT	US	PT	03/03/2010 00:00:00	12/02/2011 00:00:00	11,318,616	22/11/2012 00:00:00	2012-0312272-A1		
PE100016	PE100016-US-PT	US	PT	02/07/2010 00:00:00	01/02/2011 00:00:00	11,357,648	31/01/2013 00:00:00	2013-0028330-A1		
RC189032	RC189032-US-PT	US	PT	10/06/2010 00:00:00	09/06/2011 00:00:00	11,372,144	05/04/2012 00:00:00	2012-0084815-A1	07/07/2015 00:00:00	9077464
RC188248	RC188248-US-PT	US	NP	12/12/1996 00:00:00	12/12/1996 00:00:00	08,744,544				
PE100050	PE100050-US-PT	US	NP	14/11/1996 00:00:00	14/11/1997 00:00:00	08,971,016				
PE100020	PE100020-US-PT	US	NP	25/10/1996 00:00:00	22/10/1997 00:00:00	08,955,929				
PE100065	PE100065-US-PT	US	NP	14/09/1997 00:00:00	12/09/2000 00:00:00	09,660,381				
PE100062	PE100062-US-PT	US	PT	31/12/1997 00:00:00	30/12/1998 00:00:00	09,582,995				
PE100094	PE100094-US-PT	US	NP	28/12/1999 00:00:00	20/12/2000 00:00:00	09,741,533	28/06/2001 00:00:00	2001-0005418-A1	01/07/2003 00:00:00	6587569
PE100144	PE100144-US-PT	US	NP	30/11/2000 00:00:00	27/06/2001 00:00:00	09,893,116	30/05/2002 00:00:00	2002-0063793-A1	14/12/2004 00:00:00	6631701
PE100126	PE100126-US-PT	US	NP	26/05/2000 00:00:00	15/11/2000 00:00:00	09,712,887				
PE100055	PE100055-US-PT	US	NP	30/11/1998 00:00:00	01/05/1998 00:00:00	09,068,188	27/06/2002 00:00:00	2002-0080160-A1	17/09/2002 00:00:00	6452616
RC189346	RC189346-US-PT	US	NP	22/12/1999 00:00:00	22/12/1999 00:00:00	09,471,074				
PE100166	PE100166-US-PT	US	NP	19/12/2000 00:00:00	19/12/2000 00:00:00	09,470,115	20/06/2002 00:00:00	2002-0075664-A1	18/11/2003 00:00:00	6650248
PE100099	PE100099-US-PT	US	NP	08/05/2001 00:00:00	13/12/2001 00:00:00	10,020,421	12/12/2002 00:00:00	2002-0186325-A1	24/04/2007 00:00:00	7209187
PE100205	PE100205-US-PT	US	NP	01/03/2002 00:00:00	01/03/2002 00:00:00	10,086,650	04/09/2003 00:00:00	2003-0165325-A1	12/12/2006 00:00:00	7149412
PE100205	PE100205-US-PT	US	NP	13/05/2002 00:00:00	13/05/2002 00:00:00	10,144,495	13/11/2003 00:00:00	2003-0210792-A1	11/05/2004 00:00:00	6735314
PE100201	PE100201-US-PT	US	PT	11/04/2002 00:00:00	02/04/2003 00:00:00	10,510,605	20/10/2005 00:00:00	2005-0235331-A1	30/04/2012 00:00:00	8434124
RC1888228	RC1888228-US-PT	US	PT	18/12/1999 00:00:00	03/06/1999 00:00:00	09,319,324				
PE100123	PE100123-US-PT	US	NP	31/07/2003 00:00:00	02/08/2004 00:00:00	10,090,913	31/03/2005 00:00:00	2005-0068260-A1	05/08/2008 00:00:00	6970504
PE1003270	PE1003270-US-PT	US	PT	17/09/2003 00:00:00	02/09/2004 00:00:00	10,569,695	28/12/2006 00:00:00	2006-0291557-A1	10/01/2012 00:00:00	7408542
CT1970218	CT1970218-US-NT11	US	CNT	24/07/1997 00:00:00	24/01/2000 00:00:00	09,499,676	22/05/2008 00:00:00	2008-0120637-A1	15/11/2005 00:00:00	8094711
PE100263	PE100263-US-PT	US	PT	23/09/2004 00:00:00	23/09/2005 00:00:00	11,658,045	30/08/2007 00:00:00	2007-0202932-A1	09/08/2011 00:00:00	6666063
PE100498	PE100498-US-PT	US	PT	23/07/2005 00:00:00	22/07/2005 00:00:00	11,658,068	26/02/2009 00:00:00	2009-0055189-A1	23/11/2010 00:00:00	7936871
PE100503	PE100503-US-PT	US	PT	14/04/2005 00:00:00	14/04/2005 00:00:00	11,887,792				
PE1005013	PE1005013-US-PT	US	PT	19/01/2005 00:00:00	17/01/2006 00:00:00	11,795,917	12/06/2008 00:00:00	2008-0137366-A1	07/12/2010 00:00:00	8213508
PE100098	PE100098-US-PT	US	PT	02/04/2004 00:00:00	31/03/2005 00:00:00	10,593,536	11/11/2008 00:00:00	2008-0304567-A1	03/10/2012 00:00:00	7847861
PE1005014	PE1005014-US-PT	US	NP	08/04/2005 00:00:00	29/03/2006 00:00:00	11,339,427	02/07/2009 00:00:00	2009-0168995-A1	08/09/2015 00:00:00	9131247
PE1005026	PE1005026-US-PT	US	PT	15/04/2006 00:00:00	13/04/2006 00:00:00	11,918,556	17/10/2006 00:00:00	2010-0168977-A1	07/08/2012 00:00:00	8238439
PE1005024	PE1005024-US-PT	US	PT	19/10/2005 00:00:00	17/10/2006 00:00:00	11,992,721	28/01/2010 00:00:00	2010-0020884-A1		
PE100201	PE100201-US-PT	US	PT	04/01/2008 00:00:00	04/01/2008 00:00:00	12,448,480	06/08/2009 00:00:00	2009-0198793-A1		
PE100294	PE100294-US-PT	US	NP	31/01/2008 00:00:00	05/12/2007 00:00:00	12,452,629	22/04/2010 00:00:00	2010-0202574-A1	30/04/2013 00:00:00	8443306
PE100166	PE100166-US-PT	US	PT	13/07/2007 00:00:00	16/03/2007 00:00:00	12,450,315	12/04/2010 00:00:00	2010-0089193-A1	26/02/2013 00:00:00	8385473
PE100267	PE100267-US-PT	US	PT	28/12/2006 00:00:00	19/12/2007 00:00:00	12,449,184	18/03/2010 00:00:00	2010-0066912-A1	10/09/2013 00:00:00	8532198

PATENT
REEL: 041232 FRAME: 0277

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PR010039	PR010039-1-US-PT	US	PT	25/04/2002 00:00:00	05/04/2002 00:00:00	10/4750197	15/09/2004 00:00:00	2004-0181808-A1	12/02/2011 00:00:00	7285951
PR020082	PR020082-US-PT	US	PT	23/08/2002 00:00:00	05/08/2002 00:00:00	10/4750182	15/09/2006 00:00:00	2006-0125128-A1	22/06/2010 00:00:00	7242109
PR030213	PR030213-US-PT	US	PT	21/07/2004 00:00:00	13/01/2004 00:00:00	10/5638992	07/09/2005 00:00:00	2006-0197871-A1	24/08/2010 00:00:00	7782389
PR040067	PR040067-US-NP	US	NP	23/04/2004 00:00:00	22/04/2005 00:00:00	11/514208	27/10/2006 00:00:00	2005-0237044-A1	27/05/2008 00:00:00	7379310
PR040332	PR040332-US-NP	US	NP	22/11/2004 00:00:00	21/11/2005 00:00:00	11/284378	01/06/2006 00:00:00	2006-0115175-A1	09/07/2013 00:00:00	8483288
PR040040	PR040040-US-NP	US	NP	12/03/2004 00:00:00	08/03/2005 00:00:00	11/074954	15/09/2005 00:00:00	2005-0202719-A1	18/07/2006 00:00:00	7077698
PR040008	PR040008-US-PT	US	PT	08/01/2004 00:00:00	28/12/2004 00:00:00	11/058535	23/07/2009 00:00:00	2009-0184864-A1	23/11/2010 00:00:00	7839015
PR040164	PR040164-US-PT	US	PT	04/06/2004 00:00:00	04/06/2004 00:00:00	11/065280	04/10/2009 00:00:00	2009-0123801-A1	17/07/2012 00:00:00	8253435
PR050012	PR050012-US-NP	US	NP	27/05/2005 00:00:00	23/05/2006 00:00:00	11/439692	11/01/2007 00:00:00	2007-0009090-A1	30/08/2011 00:00:00	8009730
PR050152	PR050152-US-PT	US	PT	02/08/2006 00:00:00	31/07/2007 00:00:00	12/309540	06/08/2009 00:00:00	2009-0166242-A1	20/07/2010 00:00:00	7760494
PR070002	PR070002-US-PT	US	PT	01/09/2005 00:00:00	04/01/2006 00:00:00	12/448460	17/12/2009 00:00:00	2010-0133068-A1	10/09/2013 00:00:00	8533968
PR080091	PR080091-US-PT	US	PT	04/01/2008 00:00:00	03/12/2008 00:00:00	12/360995	06/01/2011 00:00:00	2011-0004815-A1	30/04/2013 00:00:00	8533189
PR080034	PR080034-US-NP	US	NP	20/04/2008 00:00:00	24/03/2009 00:00:00	12/383386	08/10/2009 00:00:00	2009-0251613-A1	18/09/2012 00:00:00	8270472
PR080097	PR080097-US-PT	US	PT	29/10/2008 00:00:00	29/10/2008 00:00:00	12/998387	18/08/2011 00:00:00	2011-0200274-A1		
PR070276	PR070276-US-NP	US	NP	09/12/2007 00:00:00	10/11/2008 00:00:00	12/268255	21/05/2009 00:00:00	2009-0129465-A1		
PR100322	PR100322-US-NP	US	NP	30/11/2011 00:00:00	26/11/2012 00:00:00	13/654859	30/05/2013 00:00:00	2013-0139080-A1		
PR100228	PR100228-US-PT	US	PT	14/10/2010 00:00:00	14/10/2010 00:00:00	13/879211	01/08/2013 00:00:00	2013-0194511-A1	24/06/2014 00:00:00	8760587
PR110063	PR110063-US-PT	US	PT	20/09/2011 00:00:00	18/09/2012 00:00:00	14/345772				
PR100098	PR100098-US-PT	US	PT	05/04/2012 00:00:00	02/04/2013 00:00:00	13/635056	03/01/2013 00:00:00	2013-0007793-A1		
PR120045	PR120045-US-PT	US	PT	25/11/2008 00:00:00	18/11/2009 00:00:00	14/389785	02/04/2015 00:00:00	2015-0095931-A1		
PR080192	PR080192-US-PT	US	PT	08/12/2009 00:00:00	02/12/2010 00:00:00	13/514814	08/11/2012 00:00:00	2012-0225972-A1		
PR090141	PR090141-US-PT	US	PT	14/10/2009 00:00:00	06/01/2010 00:00:00	13/510335	09/08/2012 00:00:00	2012-0201293-A1		
RC088644	RC088644-US-NP	US	NP	04/02/1997 00:00:00	23/06/2000 00:00:00	09/403536				
RC088884	RC088884-US-NP	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08/769329				
PR080055	PR080055-US-NP	US	NP	14/08/1998 00:00:00	13/08/1999 00:00:00	09/373695				
PR070075	PR070075-US-NP	US	NP	21/11/1997 00:00:00	20/11/1998 00:00:00	09/197859				
RC088336	RC088336-US-NP	US	NP	08/08/1996 00:00:00	08/08/1996 00:00:00	08/663523				
PR020355	PR020355-US-NP	US	NP	23/10/2001 00:00:00	01/08/2002 00:00:00	10/211803	24/04/2003 00:00:00	2003-0077073-A1		
PR000112	PR000112-US-NP	US	NP	27/02/2001 00:00:00	27/02/2001 00:00:00	09/794500				
PR010246	PR010246-US-NP	US	NP	29/11/2001 00:00:00	29/11/2001 00:00:00	09/989743	29/05/2003 00:00:00	2003-0098297-A1		
PR010242	PR010242-US-NP	US	NP	02/06/2000 00:00:00	18/05/2001 00:00:00	09/809508	27/12/2003 00:00:00	2001-0065497-A1	15/03/2004 00:00:00	6868125
PR010312	PR010312-US-NP	US	NP	19/12/2001 00:00:00	18/12/2001 00:00:00	10/274861	19/06/2003 00:00:00	2003-0112375-A1	01/06/2005 00:00:00	6743866
PR010111	PR010111-US-NP	US	NP	24/09/2001 00:00:00	13/09/2002 00:00:00	10/251050	27/02/2003 00:00:00	2003-0069586-A1	23/07/2005 00:00:00	6870578
RC088636	RC088636-US-PT	US	PT	16/07/1999 00:00:00	13/07/2000 00:00:00	10/031355				
PR010242	PR010242-US-PT	US	PT	11/02/2001 00:00:00	10/12/2001 00:00:00	10/438324	23/11/2004 00:00:00	2004-0257465-A1	03/07/2007 00:00:00	7239358
PR000041	PR000041-US-PT	US	PT	29/10/2000 00:00:00	11/01/2001 00:00:00	10/389726	22/05/2004 00:00:00	2004-0012769-A1	22/10/2006 00:00:00	7123508
PR000128	PR000128-US-PT	US	PT	14/11/2000 00:00:00	11/01/2001 00:00:00	10/389726	22/05/2004 00:00:00	2004-0044243-A1	11/10/2010 00:00:00	8032729
PR000028	PR000028-US-PT	US	PT	14/11/2000 00:00:00	10/12/2001 00:00:00	10/451650	27/05/2004 00:00:00	2004-0100414-A1	18/07/2006 00:00:00	7041895
PR020045	PR020045-US-NP	US	NP	02/07/2003 00:00:00	07/07/2003 00:00:00	10/451650	11/01/2004 00:00:00	2004-0066457-A1	12/8/11/2006 00:00:00	7684472
PR020045	PR020045-US-NP	US	NP	15/05/2002 00:00:00	14/05/2003 00:00:00	10/581815	06/01/2005 00:00:00	2005-0002446-A1	23/03/2006 00:00:00	8918873
PR040124	PR040124-US-PT	US	PT	04/12/2003 00:00:00	11/09/2004 00:00:00	10/581815	22/11/2004 00:00:00	2003-0219222-A1	12/12/2014 00:00:00	7921372
PR040106	PR040106-US-PT	US	PT	05/05/2003 00:00:00	24/04/2004 00:00:00	11/554580	21/08/2006 00:00:00	2006-0212776-A1	09/12/2008 00:00:00	7464318
PR040228	PR040228-US-PT	US	PT	13/10/2004 00:00:00	12/10/2005 00:00:00	11/665302	13/12/2007 00:00:00	2007-0286283-A1	18/06/2013 00:00:00	8465459
PR040110	PR040110-US-NP	US	NP	06/07/2004 00:00:00	12/06/2005 00:00:00	11/158754	21/01/2006 00:00:00	1206-0002479-A1	02/09/2008 00:00:00	7420482
PR060008	PR060008-US-PT	US	PT	10/01/2006 00:00:00	09/01/2007 00:00:00	12/087389	25/12/2006 00:00:00	2008-0317126-A1		
PR070067	PR070067-US-PT	US	PT	25/03/2007 00:00:00	06/11/2007 00:00:00	12/452410	22/04/2010 00:00:00	2010-0098307-A1	05/03/2013 00:00:00	83291547
PR070023	PR070023-US-PT	US	PT	15/01/2007 00:00:00	19/06/2007 00:00:00	12/522438	25/02/2010 00:00:00	2010-0046804-A1	04/06/2013 00:00:00	8457439
PR080012	PR080012-US-PT	US	PT	05/02/2008 00:00:00	15/01/2009 00:00:00	12/735665	30/12/2010 00:00:00	2010-0329334-A1	10/02/2015 00:00:00	8953679
PR070215	PR070215-US-PT	US	PT	18/09/2007 00:00:00	04/02/2008 00:00:00	12/733707	23/09/2010 00:00:00	2010-0238109-A1		
PR070278	PR070278-US-PT	US	PT	15/11/2007 00:00:00	12/11/2008 00:00:00	13/805500	14/10/2010 00:00:00	2010-0260271-A1	04/08/2015 00:00:00	9098902
PR100139	PR100139-US-PT	US	PT	28/06/2010 00:00:00	23/06/2011 00:00:00	13/805500	18/04/2013 00:00:00	2013-0093849-A1		
PR100103	PR100103-US-PT	US	PT	10/05/2010 00:00:00	07/05/2011 00:00:00	13/696514	21/02/2013 00:00:00	2013-0044814-A1		
PR100117	PR100117-US-PT	US	PT	12/05/2010 00:00:00	11/05/2011 00:00:00	13/696847	07/03/2013 00:00:00	2013-0058413-A1		
PR120042	PR120042-US-PT	US	PT	05/04/2012 00:00:00	05/04/2012 00:00:00	14/389787				
PR100064	PR100064-US-PT	US	PT	09/03/2010 00:00:00	02/03/2011 00:00:00	13/581875	20/12/2012 00:00:00	2012-0320973-A1		
PR120014	PR120014-US-PT	US	PT	04/05/2012 00:00:00	24/04/2013 00:00:00	14/398671	07/05/2015 00:00:00	2015-0127848-A1		
PR120149	PR120149-US-PT	US	PT	06/01/2012 00:00:00	27/12/2012 00:00:00	14/370448				
PR110004	PR110004-US-PT	US	PT	31/12/2011 00:00:00	31/12/2011 00:00:00	14/369705	22/11/2012 00:00:00	2012-0234369-A1		
PR070023	PR070023-US-PT	US	PT	22/01/2010 00:00:00	20/01/2011 00:00:00	13/574428	03/06/2010 00:00:00	2010-0138669-A1	21/10/2014 00:00:00	8867616
PR090224	PR090224-US-PT	US	PT	11/02/2009 00:00:00	09/02/2010 00:00:00	13/138407	09/02/2010 00:00:00	2010-0129303-A1		
PR100103	PR100103-US-NP	US	NP	08/12/2010 00:00:00	06/12/2011 00:00:00	13/131664	14/06/2012 00:00:00	2012-0146879-A1	08/07/2014 00:00:00	8773138
RC088591	RC088591-US-NP	US	NP	27/02/1997 00:00:00	30/07/1998 00:00:00	09/117519				
RC088429	RC088429-US-NP	US	NP	24/08/1999 00:00:00	24/08/1999 00:00:00	09/382732				
RC088452	RC088452-US-NP	US	NP	30/06/1997 00:00:00	30/06/1997 00:00:00	08/884947				
PR060017	PR060017-US-NP	US	NP	19/03/1996 00:00:00	17/03/1997 00:00:00	08/822154				
PR080026	PR080026-US-NP	US	NP	30/04/1998 00:00:00	29/04/1999 00:00:00	09/301999				
PR070066	PR070066-US-NP	US	NP	28/10/1997 00:00:00	15/10/1998 00:00:00	09/173058				
RC088905	RC088905-US-NP	US	NP	31/10/1997 00:00:00	26/08/1998 00:00:00	09/140557	05/07/2001 00:00:00	2001-0006403-A1	15/05/2002 00:00:00	6233285
PR090099	PR090099-US-NP	US	NP	30/12/1999 00:00:00	20/12/2000 00:00:00	09/744117				
RC090009	RC090009-US-PT	US	PT	24/03/2001 00:00:00	08/03/2001 00:00:00	10/2299110	13/03/2003 00:00:00	2003-0048142-A1	03/05/2005 00:00:00	6870577
PR010294	PR010294-US-NP	US	NP	21/03/2002 00:00:00	21/03/2002 00:00:00	110/103348	25/09/2003 00:00:00	2003-0178957-A1	25/11/2003 00:00:00	6553813

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
P10010301	P10010301-US-NP	US	NP	13/12/2001 00:00:00	13/12/2001 00:00:00	10/020045	19/06/2003 00:00:00	2003-0115595-A1	07/12/2010 00:00:00	7849476
P10010041	P10010041-US-PT	US	PT	28/02/2002 00:00:00	28/02/2002 00:00:00	10/466559	22/04/2004 00:00:00	2004-0078816-A1	17/03/2008 00:00:00	7506350
P10010322	P10010322-US-NP	US	NP	21/12/2001 00:00:00	21/12/2001 00:00:00	10/029645	26/06/2003 00:00:00	2003-0119440-A1	23/09/2008 00:00:00	7428403
P10010042	P10010042-US-PT	US	PT	20/07/2001 00:00:00	15/07/2002 00:00:00	10/484336	11/11/2004 00:00:00	2004-0222774-A1	21/02/2006 00:00:00	7002320
P10030153	P10030153-US-PT	US	PT	16/05/2003 00:00:00	30/04/2004 00:00:00	11/056538	01/02/2009 00:00:00	2007-0065283-A1	10/11/2009 00:00:00	7616706
P10040373	P10040373-US-PT	US	PT	05/01/2005 00:00:00	26/01/2005 00:00:00	11/831924	14/06/2007 00:00:00	2009-0007189-A1	30/04/2013 00:00:00	8434120
P10040071	P10040071-US-PT	US	PT	09/03/2004 00:00:00	13/08/2004 00:00:00	11/0592224	14/06/2007 00:00:00	2007-0136764-A1	20/10/2009 00:00:00	7607155
P10050078	P10050078-US-PT	US	PT	25/04/2005 00:00:00	21/04/2006 00:00:00	11/048348	26/10/2006 00:00:00	2006-0238844-A1	19/05/2009 00:00:00	7536160
P10050163	P10050163-US-PT	US	PT	25/07/2007 00:00:00	06/06/2008 00:00:00	11/988073	07/07/2009 00:00:00	2009-0175344-A1	23/04/2013 00:00:00	848147
P10070135	P10070135-US-PT	US	PT	08/06/2007 00:00:00	03/06/2008 00:00:00	12/451856	27/05/2010 00:00:00	2010-0128803-A1	18/12/2012 00:00:00	8335191
P10070060	P10070060-US-PT	US	PT	18/09/2007 00:00:00	18/03/2010 00:00:00	12/678827	26/08/2010 00:00:00	2010-0215021-A1	18/12/2012 00:00:00	8335191
P10060036	P10060036-US-NP	US	NP	03/03/2006 00:00:00	20/02/2007 00:00:00	11/709910	06/09/2007 00:00:00	2007-0266262-A1	14/02/2012 00:00:00	8116610
P10060085	P10060085-US-PT	US	PT	23/11/2006 00:00:00	07/11/2007 00:00:00	12/312443	04/03/2010 00:00:00	2010-0064599-A1	14/02/2012 00:00:00	8116610
P10060112	P10060112-US-PT	US	PT	09/06/2006 00:00:00	09/06/2006 00:00:00	12/208137	10/12/2009 00:00:00	2009-0303247-A1	2009-0303247-A1	
P10060071	P10060071-US-PT	US	PT	12/05/2006 00:00:00	04/05/2007 00:00:00	12/227191	16/04/2009 00:00:00	2009-0066697-A1	12/04/2011 00:00:00	7924236
P10070124	P10070124-US-NP	US	NP	27/11/2007 00:00:00	20/11/2008 00:00:00	12/131489	04/06/2009 00:00:00	2009-0141041-A1	10/04/2012 00:00:00	8154559
P10070267	P10070267-US-PT	US	PT	15/11/2007 00:00:00	12/11/2008 00:00:00	12/742944	20/06/2013 00:00:00	2010-0260720-A1	10/04/2012 00:00:00	8154559
P10101000	P10101000-US-NP	US	NP	21/12/2011 00:00:00	09/04/2012 00:00:00	13/442328	20/06/2013 00:00:00	2013-0164717-A1	16/09/2014 00:00:00	8837815
P10101010	P10101010-US-PT	US	PT	14/12/2011 00:00:00	18/12/2012 00:00:00	13/717756	13/12/2012 00:00:00	2013-0156791-A1		
P10101045	P10101045-US-PT	US	PT	11/02/2010 00:00:00	13/02/2010 00:00:00	13/678003	13/12/2012 00:00:00	2013-0314952-A1		
P10100007	P10100007-US-PT	US	PT	14/02/2010 00:00:00	14/09/2012 00:00:00	13/618403	04/04/2013 00:00:00	2013-0083838-A1	13/05/2014 00:00:00	8724899
P10100169	P10100169-US-DIV	US	DIV	29/07/2010 00:00:00	07/11/2014 00:00:00	14/536366	23/04/2015 00:00:00	2015-0109992-A1		
P10100045	P10100045-US-PT	US	PT	10/12/2010 00:00:00	10/12/2010 00:00:00	13/891664	26/09/2013 00:00:00	2013-0251045-A1		
P10100055	P10100055-US-PT	US	PT	03/11/2011 00:00:00	09/11/2011 00:00:00	14/353811	11/09/2014 00:00:00	2014-0254767-A1		
P10100054	P10100054-US-PT	US	PT	25/09/2012 00:00:00	25/09/2012 00:00:00	14/348917	04/09/2014 00:00:00	2014-0246747-A1		
P10100238	P10100238-US-PT	US	PT	28/10/2011 00:00:00	28/10/2011 00:00:00	14/353576	25/09/2013 00:00:00	2014-0283473-A1		
P10100208	P10100208-US-PT	US	PT	08/02/2012 00:00:00	20/12/2012 00:00:00	14/575009	01/01/2015 00:00:00	2015-0003556-A1		
P10080031	P10080031-US-PT	US	PT	09/06/2008 00:00:00	15/06/2009 00:00:00	12/737095	01/09/2011 00:00:00	2011-0213868-A1	25/03/2014 00:00:00	8683349
P10100032	P10100032-US-PT	US	PT	19/02/2010 00:00:00	05/02/2011 00:00:00	13/578933	06/12/2012 00:00:00	2012-0311657-A1	26/03/2015 00:00:00	9043839
P10100044	P10100044-US-PT	US	PT	15/02/2010 00:00:00	15/02/2011 00:00:00	13/575475	28/11/2012 00:00:00	2012-0300031-A1	07/07/2015 00:00:00	9077966
P10050146	P10050146-US-PT	US	PT	05/10/2009 00:00:00	30/09/2010 00:00:00	13/500119	09/08/2012 00:00:00	2012-0201311-A1		
P1000035	P1000035-US-NP	US	NP	07/03/2010 00:00:00	05/05/2011 00:00:00	13/068420	10/11/2011 00:00:00	2011-0214741-A1	29/07/2014 00:00:00	8792557
P10080100	P10080100-US-NP	US	NP	26/02/1995 00:00:00	11/09/1996 00:00:00	08/712056			12/03/1999 00:00:00	5907369
P10080132	P10080132-US-NP	US	NP	23/09/1997 00:00:00	11/02/1998 00:00:00	09/502647			12/03/2006 00:00:00	7106949
P10080158	P10080158-US-NP	US	NP	23/08/1997 00:00:00	21/06/1999 00:00:00	09/402294	06/09/2001 00:00:00	2001-0019469-A1	12/07/2002 00:00:00	6415630
P10080006	P10080006-US-PT	US	PT	14/03/2000 00:00:00	28/02/2001 00:00:00	09/743480	04/12/2003 00:00:00	2003-0004672-A1	15/01/2004 00:00:00	6415630
P10080132	P10080132-US-PT	US	PT	13/05/1998 00:00:00	13/05/2000 00:00:00	09/860141	04/12/2003 00:00:00	2003-0023744-A1	22/02/2008 00:00:00	7463640
P10080141	P10080141-US-PT	US	PT	12/06/2002 00:00:00	12/06/2002 00:00:00	11/018572	01/01/2004 00:00:00	2004-0001427-A1	05/06/2006 00:00:00	7232835
P10020312	P10020312-US-NP	US	NP	26/07/2002 00:00:00	26/07/2002 00:00:00	10/185732	08/01/2004 00:00:00	2004-0004672-A1	12/05/2006 00:00:00	66844726
P10020314	P10020314-US-NP	US	NP	26/07/2002 00:00:00	26/07/2002 00:00:00	10/180282	08/01/2004 00:00:00	2004-0004672-A1	12/05/2006 00:00:00	66844726
P10020045	P10020045-US-NP	US	NP	16/10/2002 00:00:00	16/10/2002 00:00:00	11/087042	17/06/2004 00:00:00	2004-0113892-A1	09/04/2013 00:00:00	8418210
P10020446	P10020446-US-PT	US	PT	15/10/2002 00:00:00	16/10/2003 00:00:00	10/541366	11/08/2005 00:00:00	2005-0153785-A1	09/09/2008 00:00:00	7429979
P10020168	P10020168-US-PT	US	PT	24/04/2002 00:00:00	14/02/2003 00:00:00	10/544572	13/07/2005 00:00:00	2005-0163741-A1	12/01/2010 00:00:00	7646631
P10020503	P10020503-US-PT	US	PT	14/02/2003 00:00:00	14/02/2003 00:00:00	10/544572	13/07/2005 00:00:00	2005-0163741-A1	12/01/2010 00:00:00	7646631
P10020098	P10020098-US-PT	US	PT	11/10/2002 00:00:00	29/09/2003 00:00:00	10/530338	22/03/2007 00:00:00	2007-0063589-A1	09/09/2008 00:00:00	7423893
P10040049	P10040049-US-PT	US	PT	19/02/2004 00:00:00	19/02/2004 00:00:00	10/589764	04/09/2008 00:00:00	2008-0212708-A1		
P10040085	P10040085-US-PT	US	PT	22/03/2004 00:00:00	22/03/2004 00:00:00	10/593862	16/08/2008 00:00:00	2007-0189195-A1	22/02/2011 00:00:00	7894333
P10030260	P10030260-US-PT	US	PT	15/10/2002 00:00:00	16/10/2002 00:00:00	10/531119	23/03/2006 00:00:00	2006-0061338-A1	15/03/2010 00:00:00	7680964
P10040173	P10040173-US-PT	US	PT	10/06/2004 00:00:00	26/05/2005 00:00:00	11/138245	15/12/2005 00:00:00	2005-0278473-A1	24/07/2012 00:00:00	8254441
P10040129	P10040129-US-PT	US	PT	10/08/2004 00:00:00	08/12/2005 00:00:00	11/659744	11/10/2007 00:00:00	2007-0036607-A1	15/03/2010 00:00:00	7680964
P10040130	P10040130-US-PT	US	PT	09/12/2004 00:00:00	18/12/2006 00:00:00	11/291294	07/02/2008 00:00:00	2008-0030163-A1	15/01/2013 00:00:00	8354441
P10600003	P10600003-US-PT	US	PT	05/01/2006 00:00:00	10/01/2006 00:00:00	11/2087349	10/09/2009 00:00:00	2009-0225846-A1	12/05/2013 00:00:00	8446956
P10030082	P10030082-US-PT	US	PT	20/08/2003 00:00:00	31/07/2004 00:00:00	10/568175	05/10/2006 00:00:00	2006-0221526-A1	19/06/2007 00:00:00	7233085
P10070102	P10070102-US-PT	US	PT	15/01/2007 00:00:00	12/06/2007 00:00:00	12/522276	13/05/2010 00:00:00	2010-0119123-A1	03/12/2013 00:00:00	8600184
P10070136	P10070136-US-PT	US	PT	22/06/2007 00:00:00	22/06/2007 00:00:00	12/451543	20/05/2010 00:00:00	2010-0119123-A1	03/12/2013 00:00:00	8600184
P10070152	P10070152-US-PT	US	PT	27/06/2007 00:00:00	27/06/2007 00:00:00	12/451543	20/05/2010 00:00:00	2010-0119123-A1	03/12/2013 00:00:00	8600184
P10060262	P10060262-US-PT	US	PT	21/12/2006 00:00:00	21/12/2006 00:00:00	12/448394	21/10/2010 00:00:00	2010-0265644-A1	18/06/2013 00:00:00	8467007
P10070297	P10070297-US-PT	US	PT							

PATENT

REEL: 041232 FRAME: 0279

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
P030010	P030010-US-PT	US	PT	02/01/2003 00:00:00	06/01/2004 00:00:00	10,541,602	13/07/2006 00:00:00	2006-0153297-A1	15/12/2008 00:00:00	74662724
P0300107	P0300107-US-PT	US	PT	10/10/2002 00:00:00	18/09/2004 00:00:00	10,541,602	15/03/2007 00:00:00	2007-0056399-A1	07/10/2008 00:00:00	7433210
P00100078	P00100078-US-PT	US	PT	28/12/2001 00:00:00	14/12/2002 00:00:00	10,500,504	20/01/2005 00:00:00	2005-0015402-A1	15/04/2008 00:00:00	7259917
P0300066	P0300066-US-PT	US	NP	30/04/2004 00:00:00	30/04/2004 00:00:00	10,836,541	03/11/2005 00:00:00	2005-0241876-A1	29/04/2008 00:00:00	7360009
P0200057	P0200057-US-PT	US	PT	30/05/2002 00:00:00	12/05/2003 00:00:00	10,515,534	03/11/2005 00:00:00	2005-0246336-A1	13/08/2011 00:00:00	8510676
P0300168	P0300168-US-PT	US	PT	18/06/2002 00:00:00	16/06/2004 00:00:00	10,560,480	07/12/2006 00:00:00	2006-0274737-A1	26/01/2010 00:00:00	7652999
P0300114	P0300114-US-PT	US	PT	11/04/2003 00:00:00	07/04/2004 00:00:00	10,552,559	21/12/2006 00:00:00	2006-0288564-A1	20/07/2010 00:00:00	7761891
P0400051	P0400051-US-PT	US	PT	14/01/2005 00:00:00	14/01/2005 00:00:00	10,579,602	31/01/2008 00:00:00	2008-0025376-A1	14/05/2013 00:00:00	8442094
RCAB8692	RCAB8692-US-CNT11	US	CNT	23/12/1997 00:00:00	15/12/2004 00:00:00	11,014,079	01/09/2005 00:00:00	2005-0190292-A1	21/09/2010 00:00:00	7806690
P0300096	P0300096-US-PT	US	NP	11/05/2002 00:00:00	26/02/2004 00:00:00	10,788,559	10/09/2004 00:00:00	2004-0172343-A1	08/12/2009 00:00:00	7631072
P0500097	P0500097-US-PT	US	NP	04/11/2005 00:00:00	01/11/2006 00:00:00	11,591,655	10/05/2007 00:00:00	2007-0103881-A1	24/06/2008 00:00:00	7391621
P0600002	P0600002-US-PT	US	PT	10/01/2006 00:00:00	05/12/2006 00:00:00	12,087,553	01/01/2009 00:00:00	2009-0003445-A1	17/12/2013 00:00:00	8611412
P0500007	P0500007-US-PT	US	PT	09/01/2006 00:00:00	09/08/2007 00:00:00	12,087,559	29/07/2009 00:00:00	2009-0037957-A1	01/07/2014 00:00:00	8769579
P0500022	P0500022-US-PT	US	PT	24/08/2002 00:00:00	08/04/2008 00:00:00	12,450,746	25/02/2010 00:00:00	2010-0049778-A1	14/05/2013 00:00:00	8443025
P0070023	P0070023-US-PT	US	PT	12/04/2007 00:00:00	22/02/2007 00:00:00	12,224,188	28/05/2009 00:00:00	2009-0156021-A1	05/03/2013 00:00:00	8391473
P0600029	P0600029-US-PT	US	PT	18/07/2006 00:00:00	05/07/2007 00:00:00	12,309,058	26/11/2009 00:00:00	2009-0280657-A1	18/08/2015 00:00:00	9131113
P0600141	P0600141-US-PT	US	NP	14/05/2008 00:00:00	28/04/2009 00:00:00	12,387,127	03/03/2011 00:00:00	2011-0061807-A1		
P0800052	P0800052-US-PT	US	PT	17/01/2008 00:00:00	15/01/2009 00:00:00	12,735,441	11/07/2013 00:00:00	2013-0177054-A1		
P0800009	P0800009-US-PT	US	PT	15/10/2010 00:00:00	12/01/2012 00:00:00	13,876,031				
P0100086	P0100086-US-PT	US	PT	05/03/2013 00:00:00	04/03/2013 00:00:00	14,370,003				
P0100076	P0100076-US-PT	US	PT	05/03/2013 00:00:00	04/03/2013 00:00:00	14,382,569				
P0120038	P0120038-US-PT	US	PT	24/11/2011 00:00:00	24/11/2011 00:00:00	14,359,926	11/09/2014 00:00:00	2014-0254938-A1		
PA110066	PA110066-US-PT	US	PT	19/10/2011 00:00:00	19/10/2011 00:00:00	14,349,709	21/08/2014 00:00:00	2014-0232944-A1		
P0110056	P0110056-US-PT	US	PT	09/03/2012 00:00:00	09/08/2012 00:00:00	14,376,632	12/08/2010 00:00:00	2010-0201871-A1	15/01/2013 00:00:00	8355079
P0120035	P0120035-US-PT	US	PT	10/02/2009 00:00:00	01/07/2009 00:00:00	12,459,468	17/12/2009 00:00:00	2009-0310031-A1	19/07/2011 00:00:00	7983638
P0900012	P0900012-US-PT	US	DIV	26/04/2002 00:00:00	26/04/2002 00:00:00	12,598,610	29/04/2010 00:00:00	2010-0107202-A1		
P0800135	P0800135-US-PT	US	NP	31/12/2008 00:00:00	02/12/2010 00:00:00	13,518,842	08/11/2012 00:00:00	2012-0281753-A1		
P0900015	P0900015-US-PT	US	PT	30/01/2009 00:00:00	22/01/2010 00:00:00	13,138,205	10/11/2011 00:00:00	2011-0273529-A1		
RCAB8666	RCAB8666-US-PT	US	NP	19/12/1997 00:00:00	16/06/2000 00:00:00	09,581,741			08/06/2004 00:00:00	6747468
RCAB8490	RCAB8490-US-PT	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08,769,332			01/08/2000 00:00:00	6097442
RCAB8471	RCAB8471-US-PT	US	NP	13/11/1996 00:00:00	28/04/1999 00:00:00	09,287,415			07/11/2000 00:00:00	6144566
P0960011	P0960011-US-PT	US	NP	09/03/1996 00:00:00	10/02/1997 00:00:00	08,797,913			26/10/1999 00:00:00	5973753
RCAB8796	RCAB8796-US-PT	US	NP	18/12/1997 00:00:00	16/06/2000 00:00:00	09,581,709			24/04/2002 00:00:00	7210158
RCAB8828	RCAB8828-US-PT	US	NP	26/06/2000 00:00:00	26/06/2000 00:00:00	09,603,339			03/01/2002 00:00:00	6091106
RCAB8180	RCAB8180-US-PT	US	PT	02/30/1998 00:00:00	32/02/1998 00:00:00	09,808,335			04/02/2003 00:00:00	6328648
RCAB8243	RCAB8243-US-PT	US	PT	20/02/1998 00:00:00	31/08/1999 00:00:00	09,808,541			18/09/2004 00:00:00	6238078
RCAB8753	RCAB8753-US-PT	US	PT	23/07/1999 00:00:00	32/11/2000 00:00:00	10,398,721			12/12/2002 00:00:00	6618025
RCAB9751	RCAB9751-US-PT	US	PT	32/11/1999 00:00:00	26/11/2000 00:00:00	10,310,659			25/09/2002 00:00:00	7274633
RCAB9734	RCAB9734-US-PT	US	PT	30/11/2001 00:00:00	28/11/2001 00:00:00	10,182,884	30/01/2003 00:00:00	2003-0020224-A1	14/11/2006 00:00:00	7136076
P0200231	P0200231-US-PT	US	NP	10/07/2002 00:00:00	10/07/2002 00:00:00	10,182,884	15/01/2004 00:00:00	2004-0008286-A1	02/05/2006 00:00:00	7038070
RCAB9650	RCAB9650-US-PT	US	PT	16/07/1999 00:00:00	12/06/2000 00:00:00	10,031,091			12/11/2002 00:00:00	6485181
RCAB9872	RCAB9872-US-PT	US	NP	10/09/1999 00:00:00	10/09/1999 00:00:00	09,384,358			24/09/2002 00:00:00	6456135
RCAB8869	RCAB8869-US-PT	US	NP	19/09/2000 00:00:00	19/09/2000 00:00:00	09,666,021			12/12/2006 00:00:00	7149952
P0200121	P0200121-US-PT	US	PT	17/04/2002 00:00:00	10/03/2003 00:00:00	10,511,555	17/11/2005 00:00:00	2005-0255123-A1	15/08/2011 00:00:00	8155192
P0300043	P0300043-US-PT	US	PT	03/03/2003 00:00:00	22/04/2003 00:00:00	10,546,291	28/06/2007 00:00:00	2007-0147492-A1	17/07/2007 00:00:00	7245327
P0200485	P0200485-US-PT	US	PT	24/04/2003 00:00:00	07/07/2003 00:00:00	10,532,113	14/09/2006 00:00:00	2006-0203134-A1	23/02/2010 00:00:00	7668519
P0200191	P0200191-US-PT	US	PT	26/04/2002 00:00:00	25/04/2003 00:00:00	10,532,825	27/10/2005 00:00:00	2005-0237389-A1	22/03/2010 00:00:00	7912125
P0200486	P0200486-US-PT	US	PT	03/12/2002 00:00:00	13/11/2003 00:00:00	10,537,083	16/03/2006 00:00:00	2006-0065620-A1	08/04/2008 00:00:00	7355650
P020067	P020067-US-PT	US	PT	27/03/2002 00:00:00	19/03/2003 00:00:00	10,509,047	04/08/2005 00:00:00	2005-0168631-A1	15/10/2007 00:00:00	7283175
P0200450	P0200450-US-PT	US	PT	07/11/2002 00:00:00	24/07/2002 00:00:00	10,530,227	18/05/2006 00:00:00	2006-0103760-A1	16/10/2007 00:00:00	8160159
P0300083	P0300083-US-PT	US	PT	27/07/2001 00:00:00	24/07/2002 00:00:00	10,490,921	31/03/2005 00:00:00	2005-0071873-A1	04/01/2011 00:00:00	7864863
P0300149	P0300149-US-PT	US	NP	23/05/2003 00:00:00	01/05/2004 00:00:00	10,581,400	19/10/2006 00:00:00	2006-0233256-A1	10/08/2010 00:00:00	7772372
P0200058	P0200058-US-PT	US	PT	03/06/2002 00:00:00	28/05/2003 00:00:00	10,516,711	06/04/2006 00:00:00	2006-0021598-A1	14/02/2012 00:00:00	8116376
P0500005	P0500005-US-PT	US	PT	02/04/2004 00:00:00	31/03/2005 00:00:00	10,593,915	13/09/2007 00:00:00	2007-0215191-A1	29/10/2013 00:00:00	8571100
P0400304	P0400304-US-PT	US	PT	04/11/2005 00:00:00	19/10/2005 00:00:00	11,666,661	25/09/2008 00:00:00	2008-0232463-A1	21/09/2013 00:00:00	7801218
P0400102	P0400102-US-PT	US	NP	06/07/2004 00:00:00	29/06/2005 00:00:00	11,207,574	19/01/2006 00:00:00	2006-0013307-A1	28/04/2008 00:00:00	7525295
P0400080	P0400080-US-PT	US	NP	30/06/2004 00:00:00	28/06/2005 00:00:00	11,168,661	02/02/2006 00:00:00	2006-0022654-A1	09/10/2007 00:00:00	7279808
P0500065	P0500065-US-PT	US	NP	04/04/2005 00:00:00	30/03/2006 00:00:00	11,393,476	05/10/2006 00:00:00	2006-0220591-A1	26/03/2013 00:00:00	8405683
P0500159	P0500159-US-PT	US	PT	27/09/2005 00:00:00	22/09/2006 00:00:00	11,992,619	03/09/2009 00:00:00	2009-0219304-A1		
P0700115	P0700115-US-PT	US	PT	22/05/2007 00:00:00	22/05/2007 00:00:00	12,451,398	12/05/2011 00:00:00	2011-0109652-A1		
P0600204	P0600204-US-PT	US	PT	25/10/2006 00:00:00	04/12/2006 00:00:00	12,311,668	06/01/2011 00:00:00	2011-0027672-A1	21/01/2014 00:00:00	8634029
P0600228	P0600228-US-PT	US	NP	18/03/2008 00:00:00	03/03/2009 00:00:00	12,380,699	24/09/2009 00:00:00	2009-0238282-A1	31/12/2013 00:00:00	8681982
P0600023	P0600023-US-PT	US	PT	14/01/2008 00:00:00	14/01/2008 00:00:00	12,735,369	11/11/2010 00:00:00	2010-0284904-A1	17/03/2015 00:00:00	8983004
P010096	P010096-US-PT	US	NP	24/06/2011 00:00:00	25/06/2012 00:00:00	13,516,445	27/12/2012 00:00:00	2012-032862-A1	12/10/2013 00:00:00	8565585
P0100072	P0100072-US-PT	US	PT	01/04/2010 00:00:00	01/04/2011 00:00:00	13,635,007	10/01/2013 00:00:00	2013-0010093-A1		
P0100023	P0100023-US-PT	US	NP	13/09/2011 00:00:00	13/09/2012 00:00:00	13,653,134	19/09/2013 00:00:00	2013-0243336-A1	15/09/2015 00:00:00	9135721
P0100008	P0100008-US-PT	US	PT	10/02/2011 00:00:00	27/01/2012 00:00:00	13,984,060	28/11/2013 00:00:00	2013-0315559-A1		
P0120051	P0120051-US-PT	US	PT	19/04/2012 00:00:00	08/04/2013 00:00:00	14,284,448	26/03/2015 00:00:00	2015-0085087-A1		
P0100224	P0100224-US-PT	US	PT	16/11/2010 00:00:00	16/11/2010 00:00:00	13,884,305	05/09/2013 00:00:00	2013-0232522-A1		

PATENT

REEL: 0041232 FRAME: 0280

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PI101027	PI101027-US-PT	US	PT	01/12/2011 00:00:00	29/11/2012 00:00:00	14,361,414	06/11/2014 00:00:00	2014-0330897-A1		
PI090020	PI090020-US-CNT	US	CNT	08/07/2009 00:00:00	05/05/2015 00:00:00	14,704,556	20/08/2015 00:00:00	2015-0232129-A1		
PI090020	PI090020-US-PT	US	PT	05/02/2009 00:00:00	11/11/2012 00:00:00	13,138,239	24/11/2011 00:00:00	2011-0286153-A1		
RC488116	RC488116-US-PT	US	NP	18/03/1997 00:00:00	18/03/1997 00:00:00	08,819,970				
RC488541	RC488541-US-PT	US	NP	05/12/1997 00:00:00	05/06/2000 00:00:00	09,555,554				
RC488461	RC488461-US-NP	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08,756,333				
PI096038	PI096038-US-NP	US	NP	05/07/1996 00:00:00	30/06/1997 00:00:00	08,885,523				
PI096038	PI096038-US-NP	US	NP	17/04/1998 00:00:00	13/04/1999 00:00:00	09,280,624				
PI096038	PI096038-US-NP	US	NP	14/12/1998 00:00:00	05/11/2002 00:00:00	10,288,097	10/04/2003 00:00:00	2003-0068997-A1		
PI096038	PI096038-US-NP	US	NP	16/07/1999 00:00:00	23/06/2000 00:00:00	09,602,981	09/01/2003 00:00:00	2003-0007097-A1		
RC489380	RC489380-US-PT	US	PT	05/07/2001 00:00:00	16/11/2003 00:00:00	10,139,494				
RC488079	RC488079-US-PT	US	PT	16/12/1996 00:00:00	16/12/1996 00:00:00	08,757,088	18/04/2002 00:00:00	2002-0044763-A1		
RC489029	RC489029-US-PT	US	PT	12/04/2002 00:00:00	12/04/2002 00:00:00	10,122,712	16/10/2003 00:00:00	2003-0194024-A1		
RC490192	RC490192-US-NP	US	NP	12/05/2000 00:00:00	30/04/2001 00:00:00	09,845,959	02/05/2002 00:00:00	2002-0051154-A1		
PI091009	PI091009-US-NP	US	NP	15/02/2001 00:00:00	05/02/2002 00:00:00	10,067,562	03/10/2002 00:00:00	2002-0141642-A1		
PI090027	PI090027-US-NP	US	NP	28/02/2003 00:00:00	25/02/2004 00:00:00	10,786,626	02/09/2004 00:00:00	2004-0170380-A1		
PI0900158	PI0900158-US-PT	US	PT	02/06/2000 00:00:00	18/12/2000 00:00:00	09,739,198	28/02/2002 00:00:00	2002-0024327-A1		
PI020354	PI020354-US-PT	US	PT	31/07/2002 00:00:00	31/07/2002 00:00:00	10,533,442	15/09/2005 00:00:00	2005-0201267-A1		
PI030295	PI030295-US-PT	US	PT	25/07/2002 00:00:00	17/07/2003 00:00:00	10,522,270	31/05/2006 00:00:00	2006-0015899-A1		
PI040121	PI040121-US-PT	US	PT	07/05/2004 00:00:00	09/11/2004 00:00:00	11,579,952	20/09/2007 00:00:00	2007-0124751-A1		
PI050224	PI050224-US-NP	US	NP	18/10/2004 00:00:00	17/10/2005 00:00:00	11,252,320	20/04/2006 00:00:00	2006-0083316-A1		
PI050045	PI050045-US-NP	US	NP	10/02/2005 00:00:00	31/01/2006 00:00:00	11,345,108	10/08/2006 00:00:00	2006-0176956-A1		
PI050195	PI050195-US-PT	US	PT	08/12/2005 00:00:00	16/01/2006 00:00:00	12,068,074	25/02/2010 00:00:00	2010-0066909-A1		
PI060011	PI060011-US-NP	US	NP	17/01/2006 00:00:00	26/01/2007 00:00:00	11,733,312	19/07/2007 00:00:00	2007-0124751-A1		
PI060037	PI060037-US-PT	US	PT	14/06/2007 00:00:00	14/06/2007 00:00:00	12,654,432	08/07/2010 00:00:00	2010-0142400-A1		
PI060126	PI060126-US-PT	US	PT	08/06/2008 00:00:00	04/06/2008 00:00:00	12,737,651	01/06/2009 00:00:00	2009-0002322-A1		
PI070050	PI070050-US-NP	US	NP	29/06/2008 00:00:00	14/01/2008 00:00:00	12,156,664	01/06/2009 00:00:00	2009-0002322-A1		
PI070050	PI070050-US-PT	US	PT	14/01/2008 00:00:00	12/7/2008	12,735,85	11/11/2010 00:00:00	2010-0283911-A1		
PI050096	PI050096-US-DIV11	US	DIV	11/03/2008 00:00:00	11/08/2008 00:00:00	12,189,574	26/02/2009 00:00:00	2009-0055403-A1		
PI101013	PI101013-US-PT	US	PT	22/09/2011 00:00:00	20/09/2012 00:00:00	14,344,97	19/08/2013 00:00:00	2013-0243104-A1		
PI100244	PI100244-US-PT	US	PT	24/11/2011 00:00:00	12/09/2011 00:00:00	13,988,470	14/08/2014 00:00:00	2014-0226956-A1		
PI100272	PI100272-US-CNT	US	CNT	22/09/2011 00:00:00	12/09/2011 00:00:00	14,351,073	30/12/2010 00:00:00	2010-0329557-A1		
PI090060	PI090060-US-NP	US	NP	29/09/2008 00:00:00	26/06/2010 00:00:00	12,839,31	30/01/2012 00:00:00	2012-0214814-A1		
PI090016	PI090016-US-PT	US	PT	09/04/2008 00:00:00	12/05/2009 00:00:00	13,138,73	10/12/2011 00:00:00	2011-021813-A1		
PI090016	PI090016-US-PT	US	PT	07/07/2008 00:00:00	12/06/2009 00:00:00	13,306,91	30/08/2011 00:00:00	2011-025815-A1		
PI090027	PI090027-US-NP	US	NP	09/04/2010 00:00:00	24/03/2011 00:00:00	13,065,44	24/11/2011 00:00:00	2011-025815-A1		
PI090108	PI090108-US-PT	US	PT	11/10/2008 00:00:00	08/10/2008 00:00:00	12,734,124	30/12/2010 00:00:00	2010-0329630-A1		
RC488592	RC488592-US-NP	US	NP	12/08/1997 00:00:00	12/08/1997 00:00:00	08,911,525				
RC488505	RC488505-US-NP	US	NP	12/08/1997 00:00:00	12/08/1997 00:00:00	08,911,526				
RC488916	RC488916-US-NP	US	NP	10/07/1997 00:00:00	09/04/1998 00:00:00	09,057,648				
RC488227	RC488227-US-NP	US	NP	16/10/1996 00:00:00	12/03/1997 00:00:00	09,147,006				
PI096046	PI096046-US-NP	US	NP	13/11/1996 00:00:00	12/11/1997 00:00:00	08,968,140				
PI096009	PI096009-US-NP	US	NP	18/06/1998 00:00:00	16/06/2000 00:00:00	09,596,106				
PI096009	PI096009-US-NP	US	NP	23/03/1998 00:00:00	26/02/1999 00:00:00	09,259,001				
RC489003	RC489003-US-PT	US	PT	28/12/1998 00:00:00	28/12/1998 00:00:00	09,882,544				
RC489185	RC489185-US-PT	US	PT	28/12/1999 00:00:00	22/12/1999 00:00:00	09,882,544				
PI010011	PI010011-US-PT	US	PT	04/01/2001 00:00:00	04/01/2002 00:00:00	10,250,640	22/04/2004 00:00:00	2004-0078812-A1		
PI010015	PI010015-US-NP	US	NP	11/01/2001 00:00:00	11/01/2001 00:00:00	09,758,480	11/07/2002 00:00:00	2002-0089606-A1		
PI010065	PI010065-US-NP	US	NP	22/06/2001 00:00:00	12/06/2002 00:00:00	10,170,266	02/01/2003 00:00:00	2003-0001790-A1		
PI010220	PI010220-US-NP	US	NP	26/09/2001 00:00:00	11/12/2001 00:00:00	10,014,563	27/02/2003 00:00:00	2003-0058947-A1		
RC489286	RC489286-US-NP	US	NP	18/12/2001 00:00:00	07/06/2002 00:00:00	10,164,873	19/06/2003 00:00:00	2003-0115587-A1		
RC489604	RC489604-US-NP	US	NP	13/08/1999 00:00:00	13/08/1999 00:00:00	09,374,024				
RC489651	RC489651-US-NP	US	NP	30/11/1999 00:00:00	23/07/2001 00:00:00	09,451,064	01/04/2004 00:00:00	2004-0061695-A1		
PI000039	PI000039-US-PT	US	PT	28/07/2000 00:00:00	05/12/2003 00:00:00	10,343,990	06/07/2006 00:00:00	2006-0082690-A1		
PI020483	PI020483-US-PT	US	PT	06/12/2002 00:00:00	05/12/2003 00:00:00	10,536,055	20/04/2006 00:00:00	2006-0082690-A1		
PI030264	PI030264-US-PT	US	PT	25/09/2003 00:00:00	10/12/2003 00:00:00	10,572,714	15/05/2007 00:00:00	2007-0058731-A1		
PI030124	PI030124-US-NP	US	NP	07/08/2003 00:00:00	06/08/2004 00:00:00	10,912,833	29/09/2005 00:00:00	2005-0213655-A1		
PI030114	PI030114-US-NP	US	NP	08/07/2003 00:00:00	08/07/2004 00:00:00	10,887,973	24/02/2005 00:00:00	2005-0041868-A1		
PI040062	PI040062-US-PT	US	PT	09/03/2004 00:00:00	09/03/2004 00:00:00	10,550,577	19/07/2007 00:00:00	2007-0165707-A1		
PI040090	PI040090-US-PT	US	PT	19/07/2002 00:00:00	05/07/2003 00:00:00	10,571,485	24/11/2005 00:00:00	2005-0261861-A1		
PI040184	PI040184-US-PT	US	PT	18/06/2004 00:00:00	03/06/2005 00:00:00	11,638,825	03/07/2007 00:00:00	2007-0080615-A1		
PI040298	PI040298-US-PT	US	PT	03/11/2004 00:00:00	26/10/2005 00:00:00	11,656,482	17/12/2007 00:00:00	2007-0286469-A1		
PI040239	PI040239-US-PT	US	PT	27/08/2004 00:00:00	04/08/2005 00:00:00	11,659,773	18/09/2008 00:00:00	2008-0228969-A1		
GRSCHAD001	GRSCHAD001-US-NP	US	NP	15/01/1999 00:00:00	15/01/1999 00:00:00	09,231,883	12/03/2009 00:00:00	2009-0067496-A1		
PI060003	PI060003-US-PT	US	PT	13/01/2006 00:00:00	05/12/2006 00:00:00	12,087,558	13/05/2010 00:00:00	2010-0181462-A1		
PI070161	PI070161-US-PT	US	PT	28/06/2007 00:00:00	24/06/2008 00:00:00	12,150,337	13/11/2008 00:00:00	2008-0327894-A1		
PI070039	PI070039-US-NP	US	NP	27/04/2007 00:00:00	25/04/2008 00:00:00	12,150,337	13/11/2008 00:00:00	2008-0327894-A1		
PI060223	PI060223-US-PT	US	PT	20/12/2006 00:00:00	20/12/2006 00:00:00	12,448,928	18/02/2010 00:00:00	2010-0039573-A1		
PI080084	PI080084-US-PT	US	PT	24/06/2008 00:00:00	24/06/2008 00:00:00	12,737,728	05/03/2011 00:00:00	2011-0102673-A1		
PI110012	PI110012-US-PT	US	PT	10/01/2012 00:00:00	10/01/2012 00:00:00	13,977,850	07/11/2013 00:00:00	2013-0283777-A1		

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PE110101	PE1100160-US-PC	US	PC	19/07/2010 00:00:00	19/07/2010 00:00:00	13.685820	18/04/2013 00:00:00	2013-0003952-A1	27/05/2014 00:00:00	8239225
PE110101	PE110101-US-PC	US	PC	09/12/2010 00:00:00	28/11/2012 00:00:00	13.687289	13/06/2013 00:00:00	2013-0147291-A1		
PE110137	PE110137-US-PC	US	PC	13/01/2012 00:00:00	03/01/2012 00:00:00	14.320117	01/01/2015 00:00:00	2015-0006928-A1		
PE110137	PE110137-US-PC	US	PC	06/10/2011 00:00:00	24/09/2012 00:00:00	14.349513	01/01/2015 00:00:00	2015-0006457-A1		
PU090188	PU090188-US-PC	US	PC	14/12/2009 00:00:00	08/12/2010 00:00:00	13.508562	06/09/2012 00:00:00	2012-0224659-A1	25/08/2015 00:00:00	9118912
PU090121	PU090121-US-PC	US	PC	13/11/2008 00:00:00	12/11/2009 00:00:00	12.958598	25/08/2011 00:00:00	2011-0206138-A1	22/09/2015 00:00:00	9143788
PU090054	PU090054-US-PC	US	NP	23/12/2009 00:00:00	23/12/2009 00:00:00	12.655098	23/06/2011 00:00:00	2011-0148907-A1		
RC488132	RC488132-US-PC	US	NP	18/03/1997 00:00:00	18/03/1997 00:00:00	08.818591			02/04/2002 00:00:00	6356326
RC488479	RC488479-US-PC	US	NP	15/11/1996 00:00:00	15/11/1996 00:00:00	08.479701			07/07/1998 00:00:00	577862
RC488393	RC488393-US-PC	US	NP	13/09/1996 00:00:00	13/09/1996 00:00:00	08.713380			28/09/1999 00:00:00	5959851
RC488354	RC488354-US-PC	US	NP	20/12/1996 00:00:00	17/12/1997 00:00:00	09.319685			24/06/2003 00:00:00	6584275
PE970045	PE970045-US-PC	US	PC	28/07/1997 00:00:00	02/07/1998 00:00:00	09.110085			11/12/2001 00:00:00	6330293
PE970028	PE970028-US-PC	US	PC	17/02/1997 00:00:00	16/02/1998 00:00:00	09.367523			02/06/2009 00:00:00	7542562
PE970029	PE970029-US-PC	US	NP	04/08/1997 00:00:00	03/08/1998 00:00:00	09.128511			28/05/2002 00:00:00	6396876
RC489511	RC489511-US-PC	US	NP	03/12/1999 00:00:00	03/12/1999 00:00:00	09.454037			07/05/2002 00:00:00	6384872
RC489789	RC489789-US-PC	US	NP	16/02/2000 00:00:00	16/02/2000 00:00:00	09.505159			23/03/2004 00:00:00	6711221
PE200419	PE200419-US-PC	US	NP	20/09/2002 00:00:00	18/09/2003 00:00:00	10.656233	15/04/2004 00:00:00	2004-0065915-A1	12/08/2005 00:00:00	6932307
PU020481	PU020481-US-PC	US	PC	25/11/2002 00:00:00	27/10/2003 00:00:00	10.535880	23/03/2006 00:00:00	2006-0062295-A1	06/03/2012 00:00:00	8130831
PU020193	PU020193-US-PC	US	NP	29/04/2002 00:00:00	09/01/2003 00:00:00	10.339421	30/10/2003 00:00:00	2003-0204776-A1	24/07/2007 00:00:00	7249282
PE201015	PE201015-US-PC	US	PC	23/08/2002 00:00:00	04/08/2003 00:00:00	10.525181	05/01/2006 00:00:00	2006-0001587-A1	13/06/2006 00:00:00	7061444
PE203069	PE203069-US-PC	US	NP	01/07/2003 00:00:00	29/06/2004 00:00:00	10.879642	27/01/2005 00:00:00	2005-0022254-A1	12/01/2010 00:00:00	7653284
PU030125	PU030125-US-PC	US	NP	24/04/2003 00:00:00	05/02/2004 00:00:00	10.553810	14/12/2006 00:00:00	2006-0279944-A1	26/02/2013 00:00:00	8384651
PU010169	PU010169-US-PC	US	PC	08/08/2001 00:00:00	07/08/2002 00:00:00	10.485772	03/02/2005 00:00:00	2005-0294265-A1	21/06/2011 00:00:00	7956631
PU030136	PU030136-US-PC	US	PC	05/05/2003 00:00:00	04/05/2004 00:00:00	11.545898	28/12/2006 00:00:00	2006-0294265-A1	04/12/2007 00:00:00	7305503
PU050006	PU050006-US-PC	US	PC	20/01/2005 00:00:00	20/01/2005 00:00:00	11.795537	29/01/2009 00:00:00	2009-0027565-A1	15/07/2014 00:00:00	8780271
PE040002	PE040002-US-PC	US	PC	05/01/2004 00:00:00	22/11/2004 00:00:00	10.584649	16/08/2007 00:00:00	2007-0192746-A1	24/05/2014 00:00:00	7949586
PE060021	PE060021-US-PC	US	PC	08/02/2006 00:00:00	31/01/2007 00:00:00	12.223434	15/08/2009 00:00:00	2009-0116439-A1	01/04/2014 00:00:00	8687656
PU040049	PU040049-US-PC	US	NP	06/02/2006 00:00:00	30/01/2007 00:00:00	12.087637	14/05/2009 00:00:00	2009-0122860-A1	28/01/2014 00:00:00	8640050
PE050090	PE050090-US-PC	US	NP	19/05/2006 00:00:00	16/05/2006 00:00:00	11.455248	23/11/2006 00:00:00	2006-0262218-A1	21/08/2012 00:00:00	8249170
PE050090	PE050090-US-PC	US	NP	27/02/2007 00:00:00	14/02/2007 00:00:00	12.284238	15/01/2009 00:00:00	2009-0016447-A1	18/06/2013 00:00:00	8461626
PU060179	PU060179-US-PC	US	PC	29/09/2006 00:00:00	25/06/2007 00:00:00	12.311452	31/12/2009 00:00:00	2009-0134121-A1	04/09/2012 00:00:00	8259258
PU060126	PU060126-US-PC	US	PC	28/06/2006 00:00:00	04/10/2006 00:00:00	12.308906	23/07/2009 00:00:00	2009-0185110-A1	04/06/2013 00:00:00	8456144
PU060219	PU060219-US-PC	US	PC	07/11/2006 00:00:00	13/12/2006 00:00:00	12.312944	11/01/2010 00:00:00	2010-0064316-A1	04/06/2013 00:00:00	8456144
PU060029	PU060029-US-PC	US	NP	20/03/2008 00:00:00	07/11/2008 00:00:00	12.716633	06/01/2011 00:00:00	2011-0004900-A1		
PE070065	PE070065-US-PC	US	NP	19/06/2007 00:00:00	30/05/2008 00:00:00	12.156138	09/12/2008 00:00:00	2008-0320529-A1	09/11/2011 00:00:00	8055186
PE080006	PE080006-US-PC	US	PC	19/02/2008 00:00:00	03/02/2009 00:00:00	12.725764	09/12/2010 00:00:00	2010-0310187-A1	02/07/2013 00:00:00	8478660
PE110046	PE110046-US-PC	US	PC	12/09/2010 00:00:00	03/08/2011 00:00:00	13.814570	30/06/2013 00:00:00	2013-0138428-A1		
PE110068	PE110068-US-PC	US	NP	13/02/2011 00:00:00	13/02/2011 00:00:00	13.820577	11/07/2013 00:00:00	2013-0150074-A1		
PE110018	PE110018-US-PC	US	PC	14/08/2011 00:00:00	26/08/2011 00:00:00	14.235918	03/07/2014 00:00:00	2014-0184744-A1		
PE020045	PE020045-US-PC	US	NP	16/08/2011 00:00:00	09/12/2014 00:00:00	14.555009				
PE110164	PE110164-US-PC	US	NP	20/10/2012 00:00:00	19/10/2012 00:00:00	13.656154	31/10/2015 00:00:00	2015-0122726-A1		
PU110011	PU110011-US-PC	US	PC	18/01/2012 00:00:00	18/01/2012 00:00:00	14.327228	18/06/2015 00:00:00	2015-0122726-A1		
PU110021	PU110021-US-PC	US	PC	24/06/2011 00:00:00	24/06/2011 00:00:00	14.128549	15/05/2014 00:00:00	2014-0156728-A1		
PU100195	PU100195-US-PC	US	PC	10/09/2011 00:00:00	09/09/2011 00:00:00	14.821130	22/06/2013 00:00:00	2013-0163674-A1		
PE100115	PE100115-US-PC	US	NP	15/02/2011 00:00:00	14/02/2012 00:00:00	13.323000	16/08/2011 00:00:00	2012-0206569-A1		
PU080117	PU080117-US-PC	US	PC	04/09/2008 00:00:00	01/09/2009 00:00:00	12.737445	30/06/2011 00:00:00	2011-0158320-A1		
PU080191	PU080191-US-PC	US	PC	14/12/2008 00:00:00	08/12/2010 00:00:00	13.515509	04/10/2012 00:00:00	2012-0249869-A1		
PU080187	PU080187-US-PC	US	PC	30/12/2008 00:00:00	30/12/2008 00:00:00	13.138062	03/11/2011 00:00:00	2011-0265223-A1		
PE090055	PE090055-US-PC	US	PC	19/05/2009 00:00:00	07/05/2010 00:00:00	13.318696	01/03/2012 00:00:00	2012-0049655-A1		
RC488397	RC488397-US-PC	US	NP	15/09/1995 00:00:00	24/05/2001 00:00:00	09.864672	14/02/2002 00:00:00	2002-0018638-A1		
RC488535	RC488535-US-PC	US	NP	23/12/1997 00:00:00	22/06/2000 00:00:00	09.582186			03/07/2007 00:00:00	7239793
RC488503	RC488503-US-PC	US	NP	12/08/1997 00:00:00	12/08/1997 00:00:00	08.998116			26/12/2004 00:00:00	6168494
RC489041	RC489041-US-PC	US	NP	13/07/1998 00:00:00	12/11/1998 00:00:00	09.150309			09/10/2001 00:00:00	8286207
PE970029	PE970029-US-PC	US	NP	23/05/1998 00:00:00	21/05/1998 00:00:00	09.082880			14/08/2001 00:00:00	6275589
PE990031	PE990031-US-PC	US	NP	15/05/1996 00:00:00	01/05/1997 00:00:00	08.847025			02/02/1999 00:00:00	5863732
PE990069	PE990069-US-PC	US	NP	25/10/1999 00:00:00	25/10/2000 00:00:00	09.696423			28/01/2003 00:00:00	6512428
RC487493	RC487493-US-PC	US	NP	19/03/1996 00:00:00	19/03/1996 00:00:00	08.618222			14/07/1998 00:00:00	5781139
RC489098	RC489098-US-PC	US	NP	06/06/2000 00:00:00	06/06/2000 00:00:00	09.588050			27/11/2001 00:00:00	6324082
PU010052	PU010052-US-PC	US	NP	28/02/2001 00:00:00	19/09/2001 00:00:00	09.879632	29/08/2002 00:00:00	2002-0118297-A1	04/04/2006 00:00:00	7762491
PU010130	PU010130-US-PC	US	NP	12/06/2001 00:00:00	12/06/2001 00:00:00	09.879632	12/12/2002 00:00:00	2002-0118894-A1	11/05/2010 00:00:00	7762491
PU020006	PU020006-US-PC	US	PC	25/04/2002 00:00:00	20/04/2004 00:00:00	10.554262	14/08/2005 00:00:00	2005-0213361-A1	12/05/2009 00:00:00	7532251
PU020150	PU020150-US-PC	US	PC	23/04/2002 00:00:00	15/04/2003 00:00:00	10.512730	26/02/2004 00:00:00	2004-0037358-A1	26/09/2006 00:00:00	7133545
RC490425	RC490425-US-PC	US	PC	28/08/2000 00:00:00	27/08/2001 00:00:00	10.363380	26/02/2004 00:00:00	2004-0037358-A1	20/10/2009 00:00:00	7605713
PE020121	PE020121-US-PC	US	PC	27/09/2002 00:00:00	19/09/2003 00:00:00	11.528597	02/02/2006 00:00:00	2006-0228651-A1	07/01/2014 00:00:00	8624960
PU040029	PU040029-US-PC	US	PC	10/08/2004 00:00:00	10/08/2004 00:00:00	11.659774	22/11/2007 00:00:00	2007-0266409-A1	13/03/2012 00:00:00	8134648
PU050022	PU050022-US-PC	US	PC	07/02/2005 00:00:00	07/02/2005 00:00:00	11.883491	10/06/2007 00:00:00	2007-0141851-A1	31/03/2009 00:00:00	7511770
PU040134	PU040134-US-PC	US	NP	21/09/2004 00:00:00	08/09/2005 00:00:00	12.073728	08/03/2007 00:00:00	2007-0065286-A1		
PU050250	PU050250-US-PC	US	NP	29/11/2005 00:00:00	29/11/2005 00:00:00	11.825410	14/05/2009 00:00:00	2009-0122205-A1		
PE050069	PE050069-US-PC	US	NP	12/04/2005 00:00:00	30/03/2006 00:00:00	11.393594	26/10/2006 00:00:00	2006-0238387-A1		
PE050221	PE050221-US-PC	US	PC	22/12/2005 00:00:00	20/12/2006 00:00:00	12.086644	16/10/2010 00:00:00	2010-0208840-A1	06/03/2012 00:00:00	8130876
PE060146	PE060146-US-PC	US	PC	31/10/2006 00:00:00	26/10/2007 00:00:00	12.312117	04/03/2010 00:00:00	2010-0054391-A1	04/12/2012 00:00:00	8325804
PU080037	PU080037-US-PC	US	PC	31/07/2008 00:00:00	24/07/2009 00:00:00	12.460764	04/02/2010 00:00:00	2010-0027892-A1	20/11/2012 00:00:00	8315475
PU080073	PU080073-US-PC	US	PC	06/06/2008 00:00:00	06/06/2008 00:00:00	12.956424	14/08/2011 00:00:00	2011-0085739-A1		

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
PE110072	PE110072-US-PT	US	PT	10/21/2011 00:00:00	30/01/2012 00:00:00	13,355,937	02/10/2014 00:00:00	2014-0293003-A1		
PIU00190	PIU00190-US-PT	US	PT	10/09/2010 00:00:00	09/09/2012 00:00:00	13,830,020	27/06/2013 00:00:00	2013-0163623-A1		
PO110048	PO110048-US-NP	US	NP	24/05/2012 00:00:00	19/05/2013 00:00:00	13,897,418	28/11/2013 00:00:00	2013-0314004-A1		
PIU080129	PIU080129-US-PT	US	PT	12/11/2009 00:00:00	10/11/2009 00:00:00	12,998,643	08/09/2011 00:00:00	2011-0216828-A1		
PF100010	PF100010-US-PT	US	PT	06/02/2009 00:00:00	05/02/2010 00:00:00	13,138,296	22/12/2010 00:00:00	2011-0311135-A1		
PIU090017	PIU090017-US-NP	US	NP	11/02/2009 00:00:00	09/02/2010 00:00:00	12,658,646	19/08/2010 00:00:00	2010-0208994-A1		
RC487934	RC487934-US-NP	US	NP	04/06/1996 00:00:00	04/06/1996 00:00:00	08,655,269				
PF000022	PF000022-US-NP	US	NP	15/03/2000 00:00:00	14/03/2001 00:00:00	09,808,327	20/09/2001 00:00:00	2001-0023498-A1		
RC488853	RC488853-US-PT	US	PT	07/01/1998 00:00:00	07/01/1999 00:00:00	09,582,451				
RC488226	RC488226-US-PT	US	PT	16/10/1996 00:00:00	12/03/1999 00:00:00	09,269,246				
RC488200	RC488200-US-NP	US	NP	19/12/1996 00:00:00	19/12/1996 00:00:00	08,707,710				
PIU020350	PIU020350-US-NP	US	NP	29/07/2002 00:00:00	29/07/2002 00:00:00	10,267,414	29/01/2004 00:00:00	2004-0017845-A1		
PF990089	PF990089-US-NP	US	NP	20/12/1999 00:00:00	18/12/2000 00:00:00	09,739,148	08/11/2001 00:00:00	2001-0308421-A1		
PIU020107	PIU020107-US-NP	US	NP	17/04/2002 00:00:00	17/04/2002 00:00:00	10,124,255	12/10/2003 00:00:00	2003-0198286-A1		
RC490228	RC490228-US-PT	US	PT	02/06/2000 00:00:00	21/05/2001 00:00:00	10,266,981	11/12/2003 00:00:00	2003-022573-A1		
RC489817	RC489817-US-NP	US	NP	10/11/1999 00:00:00	29/06/2000 00:00:00	09,606,997				
PIU010156	PIU010156-US-PT	US	PT	20/07/2001 00:00:00	24/01/2003 00:00:00	10,435,356	11/08/2005 00:00:00	2005-0174938-A1		
PIU030042	PIU030042-US-NP	US	NP	24/01/2003 00:00:00	24/01/2003 00:00:00	10,350,882	29/07/2004 00:00:00	2004-0148628-A1		
PIU010182	PIU010182-US-PT	US	PT	19/09/2001 00:00:00	19/09/2002 00:00:00	10,400,009	25/11/2004 00:00:00	2004-0256882-A1		
PIU030262	PIU030262-US-PT	US	PT	16/10/2002 00:00:00	16/10/2003 00:00:00	10,531,118	30/03/2006 00:00:00	2006-0067094-A1		
PO400071	PO400071-US-NP	US	NP	05/05/2004 00:00:00	03/05/2005 00:00:00	11,120,604	10/11/2005 00:00:00	2005-0248327-A1		
PIU050097	PIU050097-US-NP	US	NP	09/08/2000 00:00:00	09/08/2000 00:00:00	09,636,037				
PF050143	PF050143-US-PT	US	PT	01/08/2005 00:00:00	19/07/2006 00:00:00	11,999,887	19/08/2010 00:00:00	2010-0207837-A1		
PIU050272	PIU050272-US-PT	US	PT	01/12/2005 00:00:00	06/11/2006 00:00:00	12,085,736	16/04/2009 00:00:00	2009-0100467-A1		
PIU050018	PIU050018-US-PT	US	PT	27/05/2005 00:00:00	03/05/2006 00:00:00	11,920,819	12/02/2009 00:00:00	2009-0084121-A1		
PIU050125	PIU050125-US-PT	US	PT	30/06/2005 00:00:00	30/06/2005 00:00:00	12,733,470	28/05/2009 00:00:00	2009-0135391-A1		
PIU070182	PIU070182-US-PT	US	PT	06/08/2007 00:00:00	07/07/2008 00:00:00	12,733,300	03/06/2010 00:00:00	2010-0103599-A1		
PIU080087	PIU080087-US-PT	US	PT	12/06/2008 00:00:00	05/06/2009 00:00:00	12,737,109	05/05/2011 00:00:00	2011-0103464-A1		
PIU050143	PIU050143-US-PT	US	PT	28/06/2007 00:00:00	27/06/2008 00:00:00	12,452,950	03/06/2010 00:00:00	2010-0152608-A1		
PIU080013	PIU080013-US-PT	US	PT	10/03/2008 00:00:00	30/01/2009 00:00:00	12,736,097	06/01/2011 00:00:00	2011-0126087-A1		
PIU050185	PIU050185-US-PT	US	PT	09/12/2008 00:00:00	09/12/2009 00:00:00	13,512,373	20/08/2012 00:00:00	2012-0002380-A1		
PIU080087	PIU080087-US-NP	US	NP	30/03/2009 00:00:00	06/03/2010 00:00:00	12,660,662	30/09/2012 00:00:00	2012-0246597-A1		
PIU050114	PIU050114-US-PT	US	PT	03/02/2009 00:00:00	11/12/2009 00:00:00	13,138,342	01/12/2011 00:00:00	2011-0293013-A1		
RC488124	RC488124-US-NP	US	NP	09/12/1996 00:00:00	09/12/1996 00:00:00	08,765,916				
RC488213	RC488213-US-NP	US	NP	12/09/1998 00:00:00	06/09/2000 00:00:00	09,259,553				
RC488325	RC488325-US-NP	US	NP	08/12/1992 00:00:00	06/06/2000 00:00:00	09,381,147				
RC488345	RC488345-US-NP	US	NP	26/02/1999 00:00:00	26/02/1999 00:00:00	08,562,893				
RC489342	RC489342-US-PT	US	PT	21/04/1996 00:00:00	10/02/2000 00:00:00	09,659,082	01/04/2004 00:00:00	2004-0061633-A1		
PF000001	PF000001-US-PT	US	PT	17/01/2002 00:00:00	18/01/2002 00:00:00	10,465,463	13/05/2004 00:00:00	2004-0093617-A1		
PF000012	PF000012-US-NP	US	NP	30/01/2000 00:00:00	29/10/2004 00:00:00	10,767,759	22/09/2004 00:00:00	2004-0183740-A1		
PF000095	PF000095-US-PT	US	PT	04/10/2000 00:00:00	02/10/2003 00:00:00	10,388,445	06/07/2005 00:00:00	2005-0146199-A1		
PF020146	PF020146-US-PT	US	PT	28/10/2002 00:00:00	12/10/2003 00:00:00	11,052,282	21/07/2005 00:00:00	2005-0167292-A1		
PO400009	PO400009-US-NP	US	NP	21/01/2004 00:00:00	14/01/2005 00:00:00	11,075,663	11/03/2006 00:00:00	2006-0156289-A1		
PF030059	PF030059-US-PT	US	PT	31/03/2003 00:00:00	29/03/2004 00:00:00	10,812,131	14/10/2004 00:00:00	2004-0201437-A1		
PIU040251	PIU040251-US-PT	US	PT	16/09/2004 00:00:00	14/09/2005 00:00:00	11,662,405	22/05/2008 00:00:00	2008-0112926-A1		
PIU040258	PIU040258-US-PT	US	PT	16/09/2004 00:00:00	14/09/2005 00:00:00	11,662,435	01/05/2008 00:00:00	2008-0101471-A1		
PO400077	PO400077-US-PT	US	PT	24/06/2004 00:00:00	23/05/2005 00:00:00	11,630,220	27/12/2007 00:00:00	2007-0297510-A1		
PIU050100	PIU050100-US-NP	US	NP	14/03/2003 00:00:00	14/03/2003 00:00:00	10,390,446				
PF040132	PF040132-US-NP	US	NP	17/09/2004 00:00:00	13/09/2005 00:00:00	11,252,246	23/02/2006 00:00:00	2006-0061602-A1		
PF050104	PF050104-US-NP	US	NP	06/06/2005 00:00:00	19/05/2006 00:00:00	11,437,495	07/12/2006 00:00:00	2006-0274958-A1		
PIU040254	PIU040254-US-PT	US	PT	02/02/2006 00:00:00	31/01/2007 00:00:00	12,087,315	08/01/2009 00:00:00	2009-0010330-A1		
PIU050278	PIU050278-US-PT	US	PT	26/01/2006 00:00:00	26/01/2006 00:00:00	12,223,144	09/09/2010 00:00:00	2010-0225807-A1		
PIU070070	PIU070070-US-PT	US	PT	26/03/2007 00:00:00	26/03/2008 00:00:00	12,450,418	18/03/2010 00:00:00	2010-0071009-A1		
PF020045	PF020045-US-NP	US	NP	21/05/2007 00:00:00	20/05/2008 00:00:00	12,154,039	27/11/2008 00:00:00	2008-0290967-A1		
PF020073	PF020073-US-PT	US	PT	27/06/2007 00:00:00	26/06/2008 00:00:00	12,452,294	30/12/2010 00:00:00	2010-0328341-A1		
BA020003	BA020003-US-PT	US	PT	18/01/2007 00:00:00	18/01/2007 00:00:00	12,448,885	11/03/2010 00:00:00	2010-0061478-A1		
PIU070260	PIU070260-US-PT	US	PT	16/10/2007 00:00:00	14/10/2008 00:00:00	12,734,205	02/09/2010 00:00:00	2010-0220795-A1		
PIU10124	PIU10124-US-PT	US	PT	15/02/2012 00:00:00	15/02/2012 00:00:00	14,371,313	01/07/2015 00:00:00	2015-0007408-A1		
BA100013	BA100013-US-PT	US	PT	31/03/2010 00:00:00	31/03/2010 00:00:00	13,634,664	03/01/2013 00:00:00	2013-0007445-A1		
PIU100034	PIU100034-US-PT	US	PT	31/10/2011 00:00:00	31/10/2011 00:00:00	14,351,887	04/09/2014 00:00:00	2014-0247564-A1		
PIU100034	PIU100034-US-PT	US	PT	15/02/2010 00:00:00	25/03/2015 00:00:00	14,668,197	16/07/2015 00:00:00	2015-0201177-A1		
PIU10025	PIU10025-US-PT	US	PT	13/12/2011 00:00:00	13/12/2011 00:00:00	14,362,371				
PF110048	PF110048-US-PT	US	PT	20/06/2011 00:00:00	13/06/2012 00:00:00	14,177,774	24/07/2014 00:00:00	2014-0204176-A1		
PF090069	PF090069-US-PT	US	PT	18/06/2009 00:00:00	15/06/2010 00:00:00	13,378,26	14/06/2012 00:00:00	2012-0150849-A1		
PIU080161	PIU080161-US-PT	US	PT	19/09/2009 00:00:00	01/09/2009 00:00:00	12,998,123	14/07/2011 00:00:00	2011-0170615-A1		
PIU090270	PIU090270-US-PT	US	PT	08/07/2009 00:00:00	18/06/2010 00:00:00	09,426,612	10/05/2012 00:00:00	2012-0113993-A1		
RC489207	RC489207-US-NP	US	NP	19/10/1999 00:00:00	15/10/1998 00:00:00	09,435,404				
PF090707	PF090707-US-NP	US	NP	30/11/1999 00:00:00	27/11/2000 00:00:00	09,727,764				
PF090061	PF090061-US-NP	US	NP	21/05/2001 00:00:00	07/05/2002 00:00:00	10,140,561	05/12/2002 00:00:00	2002-0181591-A1		
PF010046	PF010046-US-NP	US	NP	24/07/2001 00:00:00	24/07/2002 00:00:00	10,202,291	06/03/2003 00:00:00	2003-0064446-A1		
PIU000182	PIU000182-US-NP	US	NP	21/12/2000 00:00:00	19/12/2000 00:00:00	09,745,223	27/06/2002 00:00:00	2002-0080282-A1		
RC489177	RC489177-US-DIV21	US	DIV	10/09/1999 00:00:00	14/05/2002 00:00:00	10,145,221	01/04/2004 00:00:00	2004-0065244-A1		
RC490253	RC490253-US-PT	US	PT	10/08/2000 00:00:00	29/05/2001 00:00:00	10,243,600				

PATENT
REEL: 041232 FRAME: 0284

Family	Application	Country	Protection Type	Filing Date	Priority Date	FLINGDATE	FLINGNUMBER	FLINGINDATE	FLINGNUMBER	GRANTDATE	GRANTNUMBER
RCAB92007	RCAB92007-US-ECT	US	PCT	14/02/2001 00:00:00		12/02/2004 00:00:00	11/44751	27/04/2006 00:00:00	2005-0087597-A1	16/03/2010 00:00:00	7679680
RCAB92721	RCAB92721-US-ECT	US	PCT	29/06/2001 00:00:00		29/06/2001 00:00:00	10/48205	29/07/2004 00:00:00	2004-0210924-A1	20/09/2010 00:00:00	8024752
RCAB92721	RCAB92721-US-ECT	US	PCT	04/12/2001 00:00:00		24/11/2003 00:00:00	21/102917	29/07/2004 00:00:00	2004-0148411-A1	01/07/2008 00:00:00	7365318
RCAB92721	RCAB92721-US-ECT	US	PCT	15/05/2003 00:00:00		15/05/2003 00:00:00	10/514227	13/10/2005 00:00:00	2005-0225654-A1	31/03/2009 00:30:00	7511261
RCAB92721	RCAB92721-US-ECT	US	PCT	03/07/2003 00:00:00		02/07/2004 00:00:00	10/565663	06/09/2007 00:00:00	2007-0209050-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	22/04/2004 00:00:00		22/04/2004 00:00:00	11/928852	30/12/2004 00:00:00	2004-0264728-A1	27/11/2007 00:30:00	7320205
RCAB92721	RCAB92721-US-ECT	US	PCT	14/01/2005 00:00:00		14/01/2005 00:00:00	11/928852	05/06/2008 00:00:00	2008-0130544-A1	08/03/2011 00:30:00	7903722
RCAB92721	RCAB92721-US-ECT	US	PCT	18/10/2004 00:00:00		17/10/2005 00:00:00	11/516566	20/04/2006 00:00:00	2006-0083426-A1	19/07/2011 00:30:00	7962743
RCAB92721	RCAB92721-US-ECT	US	PCT	09/06/2004 00:00:00		08/06/2005 00:00:00	11/147957	29/12/2005 00:00:00	2005-0287927-A1	08/04/2008 00:00:00	7355496
RCAB92721	RCAB92721-US-ECT	US	PCT	24/05/2005 00:00:00		24/05/2005 00:00:00	11/366466	30/11/2006 00:00:00	2006-0265565-A1	12/05/2009 00:30:00	7532494
RCAB92721	RCAB92721-US-ECT	US	PCT	28/04/2005 00:00:00		28/04/2005 00:00:00	11/566466	18/10/2007 00:00:00	2007-0244931-A1	11/01/2010 00:30:00	7870506
RCAB92721	RCAB92721-US-ECT	US	PCT	06/03/2006 00:00:00		06/03/2006 00:00:00	12/223768	12/01/2009 00:00:00	2009-0028308-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	07/07/2005 00:00:00		05/07/2006 00:00:00	11/986407	12/11/2009 00:00:00	2009-0278599-A1	22/07/2014 00:00:00	8787441
RCAB92721	RCAB92721-US-ECT	US	PCT	19/09/2005 00:00:00		14/12/2005 00:00:00	11/991722	14/05/2009 00:00:00	2009-0123822-A1	13/08/2013 00:00:00	8509716
RCAB92721	RCAB92721-US-ECT	US	PCT	12/04/2007 00:00:00		09/04/2008 00:00:00	12/450800	03/06/2010 00:00:00	2010-0133287-A1	10/06/2014 00:00:00	8703077
RCAB92721	RCAB92721-US-ECT	US	PCT	26/03/2007 00:00:00		26/03/2007 00:00:00	12/450599	28/01/2010 00:00:00	2010-0020489-A1	01/07/2014 00:00:00	8767130
RCAB92721	RCAB92721-US-ECT	US	PCT	15/08/2007 00:00:00		30/07/2008 00:00:00	12/733192	24/06/2010 00:00:00	2010-0158129-A1	24/02/2015 00:00:00	8964844
RCAB92721	RCAB92721-US-ECT	US	PCT	19/01/2007 00:00:00		18/01/2008 00:00:00	12/448046	10/12/2009 00:00:00	2009-0304427-A1	04/02/2014 00:00:00	8654601
RCAB92721	RCAB92721-US-ECT	US	PCT	12/06/2006 00:00:00		12/06/2006 00:00:00	12/221277	11/09/2009 00:00:00	2009-0234733-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	23/03/2012 00:00:00		18/03/2013 00:00:00	13/646743	26/09/2013 00:00:00	2013-0024795-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	09/04/2010 00:00:00		08/04/2011 00:00:00	13/640476	31/01/2013 00:00:00	2013-0025657-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	11/06/2010 00:00:00		01/06/2011 00:00:00	13/707417	18/04/2013 00:00:00	2013-0096929-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	05/01/2011 00:00:00		03/02/2011 00:00:00	13/978157	24/10/2013 00:00:00	2013-0096929-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	05/09/2008 00:00:00		31/07/2009 00:00:00	13/278640	23/05/2011 00:00:00	2011-0154173-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	29/06/2009 00:00:00		29/06/2010 00:00:00	13/278640	12/07/2012 00:00:00	2012-01177129-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	30/01/2009 00:00:00		17/12/2009 00:00:00	13/435592	17/11/2011 00:00:00	2011-0281953-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	22/12/2010 00:00:00		02/12/2011 00:00:00	13/591651	10/10/2013 00:00:00	2013-0268974-A1		
RCAB92721	RCAB92721-US-ECT	US	PCT	27/02/1996 00:00:00		23/09/1996 00:00:00	08/721280			24/08/1999 00:00:00	5943369
RCAB92721	RCAB92721-US-ECT	US	PCT	07/03/1996 00:00:00		30/07/1996 00:00:00	09/117465			26/12/2000 00:00:00	6166703
RCAB92721	RCAB92721-US-ECT	US	PCT	31/12/1998 00:00:00		20/12/1999 00:00:00	09/465404			23/09/2003 00:00:00	6652663
RCAB92721	RCAB92721-US-ECT	US	PCT	23/06/1998 00:00:00		23/06/1998 00:00:00	09/102865			09/11/2004 00:00:00	6816548
RCAB92721	RCAB92721-US-ECT	US	PCT	02/12/1996 00:00:00		02/12/1996 00:00:00	09/107410			26/06/2001 00:00:00	5228251
RCAB92721	RCAB92721-US-ECT	US	PCT	01/11/2001 00:00:00		07/11/2002 00:00:00	10/496074			28/08/2002 00:00:00	5228251
RCAB92721	RCAB92721-US-ECT	US	PCT	18/09/2003 00:00:00		09/06/2001 00:00:00	10/923245			05/01/2004 00:00:00	7333366
RCAB92721	RCAB92721-US-ECT	US	PCT	30/12/2002 00:00:00		23/12/2002 00:00:00	11/928238			19/01/2005 00:00:00	7333366
RCAB92721	RCAB92721-US-ECT	US	PCT	11/12/2002 00:00:00		11/12/2002 00:00:00	11/928238			05/01/2005 00:00:00	7333366
RCAB92721	RCAB92721-US-ECT	US	PCT	12/14/2001 00:00:00		12/14/2001 00:00:00	10/453608			19/01/2005 00:00:00	7333366
RCAB92721	RCAB92721-US-ECT	US	PCT	12/05/2004 00:00:00		05/08/2004 00:00:00	11/566241			21/05/2010 00:00:00	7802173
RCAB92721	RCAB92721-US-ECT	US	PCT	32/01/2005 00:00:00		17/10/2005 00:00:00	11/887304			16/09/2010 00:00:00	8329319
RCAB92721	RCAB92721-US-ECT	US	PCT	06/01/2005 00:00:00		13/12/2005 00:00:00	11/924859			04/10/2011 00:00:00	8031964
RCAB92721	RCAB92721-US-ECT	US	PCT	09/08/2000 00:00:00		09/08/2000 00:00:00	09/453393			14/06/2011 00:00:00	7962414
RCAB92721	RCAB92721-US-ECT	US	PCT	14/05/2004 00:00:00		14/05/2004 00:00:00	11/566348				
RCAB92721	RCAB92721-US-ECT	US	PCT	03/08/2005 00:00:00		23/06/2006 00:00:00	11/427960			29/03/2011 00:00:00	7517925
RCAB92721	RCAB92721-US-ECT	US	PCT	14/04/2005 00:00:00		30/03/2006 00:00:00	11/487808			08/10/2011 00:00:00	8593377
RCAB92721	RCAB92721-US-ECT	US	PCT	14/12/2005 00:00:00		14/12/2005 00:00:00	12/448154			25/09/2012 00:00:00	8274526
RCAB92721	RCAB92721-US-ECT	US	PCT	18/10/2005 00:00:00		11/12/2007 00:00:00	12/310156			24/09/2013 00:00:00	8542736
RCAB92721	RCAB92721-US-ECT	US	PCT	18/04/2006 00:00:00		05/04/2007 00:00:00	12/326443			25/01/2011 00:00:00	7876240
RCAB92721	RCAB92721-US-ECT	US	PCT	12/09/2007 00:00:00		12/09/2007 00:00:00	12/310878			06/03/2012 00:00:00	8138765
RCAB92721	RCAB92721-US-ECT	US	PCT	15/06/2006 00:00:00		16/06/2006 00:00:00	12/227673			02/12/2014 00:00:00	8902369
RCAB92721	RCAB92721-US-ECT	US	PCT	13/06/2007 00:00:00		13/06/2007 00:00:00	12/260315			20/09-02/2008-04	
RCAB92721	RCAB92721-US-ECT	US	PCT	13/12/2007 00:00:00		04/12/2008 00:00:00	12/315574			20/03/2012 00:00:00	8139153
RCAB92721	RCAB92721-US-ECT	US	PCT	14/01/2008 00:00:00		14/01/2008 00:00:00	12/735371			2010-02/83390-3	8559563
RCAB92721	RCAB92721-US-ECT	US	PCT	11/04/2008 00:00:00		09/04/2009 00:00:00	12/736512			2012-01/89051-4	
RCAB92721	RCAB92721-US-ECT	US	PCT	25/03/2008 00:00:00		25/03/2008 00:00:00	12/736512			2012-01/89051-4	
RCAB92721	RCAB92721-US-ECT	US	PCT	04/01/2012 00:00:00		02/12/2012 00:00:00	14/566558			2011-00/133426-A1	8422552
RCAB92721	RCAB92721-US-ECT	US	PCT	12/05/2010 00:00:00		11/05/2011 00:00:00	13/686118				
RCAB92721	RCAB92721-US-ECT	US	PCT	13/01/2012 00:00:00		10/01/2013 00:00:00	14/272021			2013-0058432-A1	
RCAB92721	RCAB92721-US-ECT	US	PCT	06/01/2012 00:00:00		12/02/2012 00:00:00	13/299026			11/07/2013 00:00:00	9113142
RCAB92721	RCAB92721-US-ECT	US	PCT	30/10/2009 00:00:00		26/10/2010 00:00:00	13/502836			23/08/2012 00:00:00	8611698
RCAB92721	RCAB92721-US-ECT	US	PCT	05/05/2009 00:00:00		05/05/2010 00:00:00	12/799946			15/03/2012 00:00:00	8264602
RCAB92721	RCAB92721-US-ECT	US	PCT	02/10/2008 00:00:00		30/09/2009 00:00:00	12/586931			29/07/2010 00:00:00	
RCAB92721	RCAB92721-US-ECT	US	PCT	13/01/2010 00:00:00		13/01/2010 00:00:00	13/521280			03/01/2013 00:00:00	2013-0002656-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	29/01/2010 00:00:00		28/01/2011 00:00:00	13/578603			29/11/2012 00:00:00	2012-0308043-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	12/03/2009 00:00:00		10/03/2010 00:00:00	13/138626			15/11/2012 00:00:00	2012-0288013-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	16/04/1997 00:00:00		16/04/1997 00:00:00	08/83301			05/01/2012 00:00:00	2012-0002722-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	22/12/1999 00:00:00		21/12/1999 00:00:00	09/466117				
RCAB92721	RCAB92721-US-ECT	US	PCT	14/12/1998 00:00:00		14/12/1998 00:00:00	09/466117				
RCAB92721	RCAB92721-US-ECT	US	PCT	16/05/1997 00:00:00		09/07/2003/59	09/748209				
RCAB92721	RCAB92721-US-ECT	US	PCT	24/08/2000 00:00:00		21/08/2001 00:00:00	09/338650			21/03/2002 00:00:00	2002-00034084-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	17/12/1999 00:00:00		15/12/2000 00:00:00	11/148492			18/01/2005 00:00:00	6843542
RCAB92721	RCAB92721-US-ECT	US	PCT	12/01/1999 00:00:00		21/06/2000 00:00:00	10/456667			13/03/2003 00:00:00	2003-0048407-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	08/06/2000 00:00:00		05/06/2001 00:00:00	10/019193			2001-0049271-A1	7274937
RCAB92721	RCAB92721-US-ECT	US	PCT	12/12/2001 00:00:00		12/06/2002 00:00:00	10/164663			12/06/2003 00:00:00	2003-0108201-A1
RCAB92721	RCAB92721-US-ECT	US	PCT	06/12/2001 00:00:00		06/12/2001 00:00:00	10/164663			25/09/2007 00:00:00	7545917
RCAB92721	RCAB92721-US-ECT	US	PCT	12/12/2001 00:00:00		12/06/2002 00:00:00	10/164663			2001-0049271-A1	7274937
RCAB92721	RCAB92721-US-ECT	US	PCT	06/12/2001 00:00:00		06/12/2001 00:00:00	10/164663			2001-0049271-A1	7274937
RCAB92721	RCAB92721-US-ECT	US	PCT	12/12/2001 00:00:00		12/06/2002 00:00:00	10/164663			2001-0049271-A1	7274937
RCAB92721	RCAB92721-US-ECT	US	PCT	06/12/2001							

Family	Application	Country	Protection Type	Fam 1st Prior Fil Date	FILINGDATE	FILINGNUMBER	PUBLICATIONDATE	PUBLICATIONNUMBER	GRANTDATE	GRANTNUMBER
P00000175	P00000175-US-PCT	US	PCT	20/12/2000 00:00:00	18/12/2001 00:00:00	10/431606	08/07/2004 00:00:00	2004-0130660-A1	25/12/2007 00:00:00	7312830
P0000068	P0000068-US-PCT	US	PCT	27/11/2000 00:00:00	19/11/2001 00:00:00	10/432712	01/07/2004 00:00:00	2004-0130660-A1	25/12/2007 00:00:00	7312830
P0010073	P0010073-US-PCT	US	PCT	06/12/2001 00:00:00	23/11/2002 00:00:00	10/487734	20/01/2005 00:00:00	2005-0015241-A1	08/01/2008 00:00:00	7318023
P010163	P010163-US-PCT	US	PCT	02/08/2001 00:00:00	02/08/2001 00:00:00	10/484899	30/09/2004 00:00:00	2005-0192209-A1	08/05/2007 00:00:00	7215939
P010320	P010320-US-NP	US	NP	31/01/2002 00:00:00	22/01/2003 00:00:00	10/348626	31/07/2003 00:00:00	2003-0142232-A1	01/05/2007 00:00:00	7212247
P040213	P040213-US-PCT	US	PCT	26/08/2003 00:00:00	24/08/2004 00:00:00	10/569319	11/01/2007 00:00:00	2007-0009044-A1	27/12/2011 00:00:00	8085846
P030281	P030281-US-PCT	US	PCT	16/10/2002 00:00:00	16/10/2003 00:00:00	10/531121	27/07/2006 00:00:00	2006-0164868-A1	22/08/2006 00:00:00	7095630
P030249	P030249-US-PCT	US	PCT	20/08/2003 00:00:00	04/08/2004 00:00:00	10/566881	16/11/2006 00:00:00	2006-0256871-A1	07/06/2011 00:00:00	7952469
P050909	P050909-US-NP	US	NP	11/05/2000 00:00:00	09/08/2000 00:00:00	09/635736	08/01/2009 00:00:00	2009-0010059-A1	16/09/2008 00:00:00	7426558
P050925	P050925-US-PCT	US	PCT	11/04/2005 00:00:00	21/02/2006 00:00:00	11/887869	05/04/2007 00:00:00	2007-0079246-A1	03/11/2009 00:00:00	7613023
P050155	P050155-US-NP	US	NP	08/09/2005 00:00:00	30/08/2006 00:00:00	11/513685	18/11/2010 00:00:00	2010-0289810-A1	20/08/2013 00:00:00	8515482
P070107	P070107-US-PCT	US	PCT	03/04/2007 00:00:00	14/12/2007 00:00:00	12/450621	22/07/2010 00:00:00	2010-0184386-A1	20/03/2012 00:00:00	8138664
P070129	P070129-US-PCT	US	PCT	27/06/2007 00:00:00	27/06/2007 00:00:00	12/664503	16/09/2010 00:00:00	2010-0231117-A1		
P060120	P060120-US-PCT	US	PCT	21/06/2006 00:00:00	15/06/2007 00:00:00	12/308590	31/12/2009 00:00:00	2009-0323803-A1		
P060127	P060127-US-PCT	US	PCT	10/07/2006 00:00:00	12/08/2015 00:00:00	14/824842				
P010072	P010072-US-CNT	US	CNT	28/11/2001 00:00:00	08/09/2011 00:00:00	13/991045	26/09/2013 00:00:00	2013-0250171-A1		
P0100250	P0100250-US-PCT	US	PCT	09/12/2010 00:00:00	30/08/2012 00:00:00	14/346719	21/04/2011 00:00:00	2011-0090125-A1		
PF110125	PF110125-US-PCT	US	PCT	26/06/2008 00:00:00	25/06/2009 00:00:00	12/737204	15/11/2012 00:00:00	2012-0288003-A1		
PF080081	PF080081-US-PCT	US	PCT	15/01/2010 00:00:00	07/01/2010 00:00:00	13/519432	17/05/2012 00:00:00	2012-0121010-A1	28/07/2015 00:00:00	9094716
PF090005	PF090005-US-PCT	US	PCT	23/04/2009 00:00:00	10/07/2009 00:00:00	13/138901				
PF090040	PF090040-US-PCT	US	PCT	26/01/2009 00:00:00	09/02/2010 00:00:00	13/148819	08/03/2012 00:00:00	2012-0056906-A1		
PF090009	PF090009-US-PCT	US	PCT							
P090025	P090025-US-PCT	US	PCT							