

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Alcatel Lucent (formerly Alcatel)	04/05/2007
RECEIVING PARTY DATA	
Name:	Thales
Street Address:	45, rue de Villiers
City:	Neuilly sur Seine
State/Country:	FRANCE
Postal Code:	92
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	11002237
CORRESPONDENCE DATA	
Fax Number:	(202)293-7860
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	2026637926
Email:	kclark@sughrue.com
Correspondent Name:	David J. Cushing - Sughrue Mion PLLC
Address Line 1:	2100 Pennsylvania Avenue, N.W.
Address Line 2:	Suite 800
Address Line 4:	Washington, D.C, DISTRICT OF COLUMBIA 20037
ATTORNEY DOCKET NUMBER:	A9465 - DJC
NAME OF SUBMITTER:	David J. Cushing
Total Attachments: 25 source=AlcatelLucenttoThalesAssignment#page1.tif source=AlcatelLucenttoThalesAssignment#page2.tif source=AlcatelLucenttoThalesAssignment#page3.tif source=AlcatelLucenttoThalesAssignment#page4.tif	

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EXECUTION COPY

PATENT ASSIGNMENT

This Patent Assignment (this "Assignment") is made as of April 5, 2007 by **Alcatel Lucent** (formerly named Alcatel), a French Company, having its registered office 54, rue La Boétie, 75008 Paris, France ("Assignor"), to **Thales**, a French Company having its registered office at 45, rue de Villiers, 92 Neuilly sur Seine, France ("Assignee").

RECITALS

A. Assignor and Assignee have entered into an IP Agreement dated as of January 5th, 2007 (the "IP Agreement").

B. Assignor owns the patents and patent applications as set forth on the Schedule attached hereto (the "Patents").

C. Pursuant to the IP Agreement, Assignor desires to assign to Assignee all of Assignor's right, title and interest in the Patents.

AGREEMENT

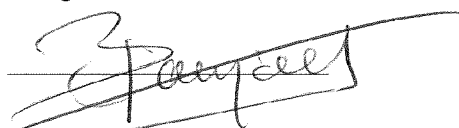
NOW, THEREFORE, in consideration of the foregoing premises, the mutual covenants and agreements contained in the IP Agreement and the covenants and agreements in this Assignment and to allow Assignee to consummate the transactions contemplated by the IP Agreement, Assignor agrees as follows:

1. Assignor in its own name and in the name of the owner of the Patents does hereby sell, transfer, convey, assign and deliver to Assignee all of Assignor's right, title and interest in and to the Patents (and regarding Patents that are patent applications, any patents that may issue therefrom), including any foreign counterparts, divisions, continuations or reissues thereof, the same to be held by Assignee for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors, assigns and other legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor if this Assignment and sale had not been made.

2. Assignor in its own name and in the name of the owner of the Patents hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any officer of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of intellectual property protection or applications as aforesaid, to issue the same to Assignee and its successors, assigns and other legal representatives in accordance with the terms of this instrument.

IN WITNESS WHEREOF, Assignor has executed this Assignment on the date first above written.

Assignor: Alcatel Lucent


Date: 05 APRIL 2007

Assignee: Thales



SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
017422	SYSTEME D'ANTENNE IMPRIMEE ACTIVE A HAUT RENDEMENT POUR RADAR SPATIAL AGILE	CA	NP	Grant	09/03/1991	2 037 841-7			20/09/1994	2 037 841		08/03/2011
		DE	EPA	Grant	04/03/1991	91 103 215.9			04/10/1995	0 445 694		04/03/2011
		FR	EPA	Grant	04/03/1991	91 103 215.9			04/10/1995	0 445 694		04/03/2011
		FR	NP	Abandoned	09/03/1990	90 03 027	13/09/1991	2 659 501	31/07/1992	2 659 501	23/09/1996	
		GB	EPA	Grant	04/03/1991	91 103 215.9			04/10/1995	0 445 694		04/03/2011
		IT	EPA	Grant	04/03/1991	91 103 215.9			04/10/1995	0 445 694		04/03/2011
		JP	NP	Grant	08/03/1991	125 605/91	21/02/1995	50 521 95	15/10/1999	2 991 528		08/03/2011
		SE	EPA	Grant	04/03/1991	91 103 215.9			04/10/1995	0 445 694		04/03/2011
		US	NP	Grant	06/03/1991	665212			27/04/1993	5206655		06/03/2011
		CA	NP	Grant	10/09/1990	2 024 992-7			26/07/1994	2 024 992		10/09/2010
017423	ANTENNE PLANE	DE	EPA	Grant	10/09/1990	90 117 356.7			13/04/1994	0 426 972		10/09/2010
		FR	EPA	Grant	10/09/1990	90 117 356.7			13/04/1994	0 426 972		10/09/2010
		FR	NP	Abandoned	11/09/1989	89 11 829	15/03/1991	2 651 926	19/12/1991	2 651 926	15/03/1995	
		GB	EPA	Grant	10/09/1990	90 117 356.7			13/04/1994	0 426 972		10/09/2010
		IT	EPA	Grant	10/09/1990	90 117 356.7			13/04/1994	0 426 972		10/09/2010
		JP	NP	Grant	10/09/1990	236 777/90			09/07/1999	2 951 707		10/09/2010
		SE	EPA	Grant	10/09/1990	90 117 356.7			13/04/1994	0 426 972		10/09/2010
		US	NP	Abandoned	11/09/1989	580457					19/01/1994	
		CA	NP	Grant	08/03/1991	2 037 849-2			20/09/1994	2 037 849		08/03/2011
		DE	EPA	Grant	04/03/1991	91 103 216.7			20/12/1995	0 451 497		04/03/2011
017671	PROCEDE DE FORMATION DU DIAGRAMME D'UNE ANTENNE ACTIVE A HAUT RENDEMENT POUR RADAR A BALAYAGE ELECTRONIQUE ET ANTENNE METTANT EN OEUVRE CE PROCEDE	FR	EPA	Grant	04/03/1991	91 103 216.7			20/12/1995	0 451 497		04/03/2011
		FR	NP	Abandoned	09/03/1990	90 03 028	13/09/1991	2 659 500	15/05/1992	2 659 500	29/08/2002	
		GB	EPA	Grant	04/03/1991	91 103 216.7			20/12/1995	0 451 497		04/03/2011
		IT	EPA	National granting number	04/03/1991	91 103 216.7			20/12/1995	0 451 497		04/03/2011
		JP	NP	Grant	08/03/1991	125 606/91			03/04/1998	2 765 770		08/03/2011
		US	NP	Grant	06/03/1991	665202			23/05/1992	5124712		06/03/2011
		CA	NP	Grant	17/10/1991	2 053 643-8			21/03/1995	2 053 643		17/10/2011
		CH	NP	Abandoned	14/10/1991	91 117 514.9			14/08/1996	0 481 417	29/09/1997	
		DE	EPA	Grant	14/10/1991	91 117 514.9			14/08/1996	0 481 417		14/10/2011
		FR	EPA	Grant	14/10/1991	91 117 514.9	24/04/1992	2 668 305	04/12/1992	2 668 305	07/07/1997	
017832	DISPOSITIF D'ALIMENTATION D'UN ELEMENT RAYONNANT FONCTIONNANT EN DOUBLE POLARISATION	GB	EPA	Grant	18/10/1990	90 12 896			14/08/1996	0 481 417		14/10/2011
		IT	EPA	Grant	14/10/1991	91 117 514.9			14/08/1996	0 481 417		14/10/2011
		JP	NP	Grant	18/10/1991	271 250/91			15/03/2002	3 288 059		18/10/2011
		SE	EPA	Grant	14/10/1991	91 117 514.9			14/08/1996	0 481 417		14/10/2011
		US	CNT	Grant	08/04/1993	08/044113			18/07/2000	6091373		18/07/2017
		US	NP	Abandoned	18/10/1991	779240					19/01/1994	
		CA	NP	Abandoned	03/07/1991	2 046 111-0					25/09/1993	
		CH	NP	Abandoned	02/07/1991	91 110 948.6			18/10/1995	0 465 994	25/09/1998	
		DE	EPA	Grant	02/07/1991	91 110 948.6			18/10/1995	0 465 994		02/07/2011
		FR	EPA	Grant	02/07/1991	91 110 948.6			18/10/1995	0 465 994		02/07/2011
017833	MODULE HYPERFREQUENCE TRIPLAQUE	FR	NP	Abandoned	04/07/1990	90 08 491	10/01/1992	2 664 432	20/11/1995	2 664 432	23/09/1996	
		GB	EPA	Grant	02/07/1991	91 110 948.6			19/10/1995	0 465 994		02/07/2011
		IT	EPA	Grant	02/07/1991	91 110 948.6			19/10/1995	0 465 994		02/07/2011
		JP	NP	Grant	04/07/1991	164 650/91			14/01/2000	3 320 312		04/07/2011
		US	NP	Grant	03/07/1991	725101			19/05/1993	5212452		03/07/2011
		DE	EPA	Grant	27/01/1992	92 101 287.8			05/04/1995	0 497 249		27/01/2012
		ES	EPA	Grant	27/01/1992	92 101 287.8			05/04/1995	0 497 249		27/01/2012
		FR	EPA	Grant	27/01/1992	92 101 287.8			05/04/1995	0 497 249		27/01/2012
		FR	NP	Abandoned	01/02/1991	91 01 153	07/06/1992	2 672 438	17/08/1993	2 572 438	06/11/1995	
		GB	EPA	Grant	27/01/1992	92 101 287.8			05/04/1995	0 497 249		27/01/2012
018125	ANTENNE RESEAU NOTAMMENT POUR APPLICATION SPATIALE	IT	EPA	Grant	27/01/1992	92 101 287.8			05/04/1995	0 497 249		27/01/2012
		JP	NP	Abandoned	30/07/1992	015 489/92			05/04/1995	0 497 249		27/01/2012
		SE	EPA	Grant	27/01/1992	92 101 287.8			05/04/1995	0 497 249	22/11/1993	
		US	NP	Grant	30/01/1992	07/628012			05/04/1995	0 497 249		27/01/2012
		US	NP	Grant	30/01/1992	07/628012			03/03/1998	5724048		03/03/2015



SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
018183	ARCHITECTURE DE CHARGE UTILE DANS LE DOMAINE SPATIAL	CA	NP	Grant	02/04/1992	2 064 943.7			01/04/1997	2 064 943		02/04/2012
		DE	EPA	Grant	02/04/1992	92 400 927.7			06/03/1996	0 507 688		02/04/2012
		FR	EPA	Grant	02/04/1992	92 400 927.7			06/03/1996	0 507 688		02/04/2012
		FR	NP	Abandoned	08/04/1991	91 04 172	08/10/1992	2 574 997	07/10/1994	2 574 997	21/01/1997	
		GB	EPA	Grant	02/04/1992	92 400 927.7			06/03/1996	0 507 688		02/04/2012
		JP	NP	Grant	03/04/1992	082 436/92			14/07/2000	3 089 088		03/04/2012
		US	NP	Grant	03/04/1992	863075			28/09/1993	524890		03/04/2012
		CA	NP	Abandoned	04/05/1992	2 067 932.8					25/06/1993	
		DE	EPA	Grant	05/05/1992	92 107 598.2			24/07/1996	0 512 487		06/05/2012
		FR	EPA	Grant	05/05/1992	92 107 598.2			24/07/1996	0 512 487		06/05/2012
018449	ANTENNA WITH A FORMED LOBE	FR	NP	Abandoned	06/05/1991	91 05 510	13/11/1992	2 576 310	05/11/1993	2 576 310	09/07/1997	
		GB	EPA	Grant	06/05/1992	92 107 598.2			24/07/1996	0 512 487		06/05/2012
		IT	EPA	Grant	06/05/1992	92 107 598.2			24/07/1996	0 512 487		06/05/2012
		JP	NP	Abandoned	06/05/1992	113 769/92					14/11/1994	
		US	NP	Abandoned	04/05/1992	878220					25/06/1993	
		CA	NP	Abandoned	23/08/1992	2 090 323					25/06/1993	
		DE	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908		26/06/2012
		FR	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908		26/06/2012
		FR	NP	Abandoned	28/06/1991	91 08 080	31/12/1992	2 578 438	03/09/1993	2 578 438	05/01/2001	
		GB	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908		26/06/2012
018627	LINEAR ARRAY ANTENNA	IT	EPA	Grant	26/06/1992	92 401 820.3	30/12/1992	0 520 908	01/03/2000	0 520 908		26/06/2012
		JP	PCT	Abandoned	23/06/1992	501 360/93					25/06/1993	
		SE	EPA	Grant	26/06/1992	92 401 820.3			01/03/2000	0 520 908		26/06/2012
		US	PCT	Abandoned	25/02/1993	07/980789					25/06/1993	
		WO	PCT	Abandoned	23/06/1992	PCT/FR92/0057					26/07/2002	
		DE	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656		16/11/2013
		FR	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656		16/11/2013
		FR	NP	Abandoned	16/11/1992	92 13 744	20/05/1994	2 698 212	30/12/1994	2 698 212	29/01/2002	
		GB	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656		16/11/2013
		IT	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656		16/11/2013
019502	RADIATING ELEMENT	SE	EPA	Grant	16/11/1993	93 402 777.2	25/05/1994	0 598 656	14/03/2001	0 598 656		16/11/2013
		US	NP	Grant	16/11/1993	152380			18/07/1995	5434581		16/11/2013
		DE	EPA	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316		17/05/2013
		FR	NP	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316		17/05/2013
		FR	NP	Abandoned	08/10/1992	92 11 961	15/04/1994	2 696 890	04/11/1994	2 696 890	20/04/2001	
		GB	EPA	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316		17/05/2013
		IT	EPA	Grant	07/10/1993	93 402 467.0	13/04/1994	0 592 316	17/05/2000	0 592 316		17/05/2013
		US	NP	Grant	07/11/1995	09/554460			26/06/2001	5252590		08/10/2012
		US	NP	Abandoned	07/10/1993	132668					07/11/1995	
		DE	EPA	Grant	30/05/1994	94 401 183.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014
019764	MULTI-LEVEL COUPLED MICROSTRI P ANTENNA	ES	EPA	Grant	30/05/1994	94 401 183.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014
		FR	EPA	Grant	30/05/1994	94 401 183.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014
		FR	NP	Abandoned	03/06/1993	93 06 660	09/12/1994	2 706 085	07/07/1995	2 706 085	24/08/1999	
		GB	EPA	Grant	30/05/1994	94 401 183.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014
		IT	EPA	Grant	30/05/1994	94 401 183.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014
		SE	EPA	Grant	30/05/1994	94 401 183.2	07/12/1994	0 627 783	14/10/1998	0 627 783		30/05/2014
		US	NP	Grant	01/06/1994	252210			05/03/1996	5497164		01/06/2014
		DE	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844		18/08/2014
		FR	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844		18/08/2014
		FR	NP	Abandoned	23/08/1993	93 10 184	03/03/1995	2 709 380	22/09/1995	2 709 380	08/08/2000	
020040	DOUBLE-BEAM ACTIVE ANTENNA	GB	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844		18/08/2014
		IT	EPA	Grant	18/08/1994	94 401 873.8	01/03/1995	0 640 844	29/09/1999	0 640 844		18/08/2014
		US	NP	Grant	16/08/1994	291713			29/07/1997	5652597		16/08/2014
		CA	NP	Grant	17/02/1995	2 142 769	19/08/1995	2 142 769	03/10/2000	2 142 769		17/02/2015
		DE	EPA	Grant	15/02/1995	95 400 320.8	23/08/1995	0 658 682	31/01/2001	0 658 682		15/02/2015
		FR	EPA	Grant	15/02/1995	95 400 320.8	23/08/1995	0 658 682	31/01/2001	0 658 682		15/02/2015
		FR	NP	Abandoned	18/02/1994	94 01 876	25/08/1995	2 716 588	29/03/1995	2 716 588	27/12/2001	
		GB	EPA	Grant	15/02/1995	95 400 320.8	23/08/1995	0 658 682	31/01/2001	0 658 682		15/02/2015
		US	NP	Grant	15/02/1995	388820			10/09/1996	5555547		15/02/2015
		US	NP	Grant	15/02/1995							

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Folio	Country	Type	Current Status	Filing Date	Publication No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
020357	DE	EPA	Grant	13/06/1995	95 401 368.6	20/12/1995	0 687 521	24/10/2001	0 687 521		13/05/2015
	FR	NP	Grant	16/06/1994	94 07 383	22/12/1995	2 721 410	26/07/1996	2 721 410		16/05/2014
	GB	EPA	Grant	13/06/1995	95 401 368.6	20/12/1995	0 687 521	24/10/2001	0 687 521		13/05/2015
	IT	EPA	Grant	13/06/1995	95 401 368.6	20/12/1995	0 687 521	24/10/2001	0 687 521		13/05/2015
	US	CNT	Grant	10/10/1997	948495			12/01/1999	5859610		16/06/2014
020903	US	NP	Abandoned	15/09/1995	490571					23/12/1997	
	CA	NP	Grant	14/06/1996	2 178 997	16/12/1996	2 178 997	15/01/2002	2 178 997		14/06/2016
	DE	EPA	Grant	11/06/1996	95 401 258.7	18/12/1996	0 749 019	04/10/2001	0 749 019		11/06/2016
	FR	NP	Grant	15/06/1995	95 07 147	20/12/1996	2 735 582	11/07/1997	2 735 582		15/06/2015
	GB	EPA	Grant	11/06/1996	95 401 258.7	18/12/1996	0 749 019	04/10/2001	0 749 019		11/06/2016
020941	IT	EPA	Grant	11/05/1996	95 401 258.7	18/12/1996	0 749 019	04/10/2001	0 749 019		11/06/2016
	US	NP	Grant	14/05/1996	564174			29/05/1998	5815111		14/06/2016
	CA	NP	Grant	10/05/1996	2 176 326	13/11/1996	2 176 326	15/01/2002	2 176 326		10/05/2016
	DE	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
	FR	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
021288	FR	NP	Abandoned	12/05/1995	9505672	15/11/1996	2 734 084	13/06/1997	2734084	27/08/2004	
	GB	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
	IT	EPA	Grant	10/05/1996	95 401 008.6	13/11/1996	0 742 603	01/10/2003	0 742 603		10/05/2016
	JP	NP	Grant	13/05/1996	117 984 96	13/12/1996	330 802/96	29/06/2001	3 204 905		13/05/2016
	US	NP	Grant	10/05/1996	08 644414			05/03/1999	5880650	05/08/2002	10/05/2016
100107	AL	NP	Abandoned	11/02/1997	12 645/97	14/08/1997	2 197 487	15/01/2002	2 197 487		13/02/2017
	CA	NP	Grant	12/02/1997	2 197 487	03/12/1997	1166735A	08/10/2003	Z197104863.0		13/02/2017
	CN	NP	Grant	13/02/1997	97104863.0			14/12/2005		08/02/2006	
	EP	EPA	Abandoned	10/02/1997	97402991.7	05/09/1997	2 745 673	17/04/1998	2 745 673		29/02/2016
	FR	NP	Abandoned	29/02/1996	96 02 557	21/08/1997	015 837			30/06/2000	
100202	ID	NP	Abandoned	13/02/1997	P 97 0 4316						
	JP	NP	Grant	13/02/1997	039 386/97	05/09/1997	235 013/97	27/03/2000	3 050 529		13/02/2017
	NO	NP	Abandoned	11/02/1997	87 0 637					30/06/2000	
	US	NP	Grant	13/02/1996	08 600709			31/01/1998	5828947		13/02/2016
	CA	NP	Abandoned	20/11/1997	2 219 831	27/05/1998	0944666	01/03/2006	0844666	21/11/2002	
100592	EP	EPA	Abandoned	17/11/1997	97402744.3	22/05/1998	2 750 133	13/06/1999	2750133		21/11/2016
	FR	NP	Grant	21/11/1996	9614208						
	JP	NP	Publication of application	19/11/1997	316 559/97	26/06/1998	173124/98				18/11/2017
	US	NP	Grant	19/11/1997	9728899			18/05/1999	5905635		18/11/2017
	CA	PCT	Grant	04/05/1998	Z288009	01/03/2000	0 981 837	12/07/2005	Z288009		04/05/2018
100702	DE	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
	FR	EPT	Grant	04/05/1998	98 924 368.8	06/11/1998	2 762 937	11/06/1999	2 762 937	19/02/2004	
	FR	NP	Abandoned	05/05/1997	97 05 578						
	GB	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
	IT	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
100707	SE	EPT	Grant	04/05/1998	98 924 368.8	01/03/2000	0 981 837	26/03/2003	0 981 837		04/05/2018
	US	PCT	Grant	04/05/1998	09 403994			11/09/2001	6288673		04/05/2018
	CA	NP	Grant	01/05/1998	2234830			12/12/2006	2234830		01/05/2018
	DE	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
	FR	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
100702	FR	NP	Abandoned	02/05/1997	97 05 448	06/11/1998	2 762 948	23/07/1999	2 762 948	01/06/2005	
	GB	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
	IT	EPA	Grant	30/04/1998	98401066.0	04/11/1998	0876069	28/07/2004	0876069		30/04/2018
	JP	NP	Publication of application	01/05/1998	122151/98	12/01/1999	8858/99				01/05/2018
	US	NP	Grant	01/05/1998	09 070873			16/05/2000	6064127		01/05/2018
100702	CA	NP	Abandoned	06/02/1998	2 226 419					07/01/2003	
	DE	EPA	Grant	09/02/1998	98400273.3	12/08/1998	0858108	01/12/2004	0858108		09/02/2018
	FR	EPA	Grant	09/02/1998	98400273.3	12/08/1998	0858108	01/12/2004	0858108		09/02/2018
	FR	NP	Grant	10/02/1997	97 01 481	14/08/1998	2 755 527	19/07/2002	2 755 527		10/02/2017
	GB	EPA	Grant	09/02/1998	98400273.3	12/08/1998	0858108	01/12/2004	0858108		09/02/2018
100707	JP	NP	Publication of application	10/02/1998	028 690/98	11/09/1998	242 382/98				10/02/2018
	US	NP	Grant	09/02/1998	09 020413			13/02/2001	6188128		09/02/2018
	CA	PCT	Grant	25/06/1998	Z289007			23/08/2005	Z289007		23/06/2018
	DE	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
	ES	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
100707	FR	NP	Grant	26/06/1997	97 08 011	31/12/1998	2 765 404	24/09/1999	2 765 404		26/06/2017
	GB	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
	IT	EPT	Grant	25/06/1998	98 933 717.5	12/04/2000	0 992 080	30/01/2002	0 992 080		25/06/2018
	US	PCT	Grant	25/06/1998	09 0424901			09/01/2001	6172649		25/06/2018

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
101155	ITERATIVE DECODING OF PRODUCT CODES	AU	PCT	Abandoned	29/04/1999	35 256/99					05/06/2002	
		BR	PCT	Abandoned	29/04/1999	P1 99 06 417-0	11/07/2000	P1 99 06 417-0			30/06/2000	
		CN	PCT	Abandoned	29/04/1999	99800667 X	13/09/2000	1266555A			30/06/2000	
		EP	EPT	Publication of application	29/04/1999	99916954.3	26/04/2000	0995272				29/04/2019
		FR	NP	Grant	04/05/1998	98 05 612	05/11/1999	2 778 289	09/06/2000	2 778 289		04/05/2018
101160	PULSE COMPRESSION RADAR	HK	NP	Abandoned	29/04/1999	00 103 014.6					30/06/2000	
		ID	PCT	Abandoned	29/04/1999	W2000 0001					30/06/2000	
		JP	PCT	Publication of application	29/04/1999	554 988/99	26/03/2002	2002-509580				29/04/2019
		KR	PCT	Abandoned	29/04/1999	10-2000-7000037					30/06/2000	
		MX	PCT	Abandoned	29/04/1999	00 00 95					30/06/2000	
101207	MULTIPLE POWER DOWNLINK EMITTER FOR SATELLITE	SG	PCT	Abandoned	29/04/1999	99 06 388-5					30/06/2000	
		US	PCT	Grant	29/04/1999	09/446152			01/10/2002	6460162		29/04/2013
		CA	NP	Grant	08/03/1999	2262848	23/09/1999	2262848	19/12/2006	2262848		08/03/2019
		EP	EPA	Publication of application	18/03/1999	99400660.5	29/09/1999	0945739				18/03/2019
		FR	NP	Grant	23/03/1998	98 03 529	24/09/1999	2 776 392	28/04/2000	2 776 392		23/03/2018
101224	PIEGE ADAPTABLE DE PLASMA IONISE POUR PROTECTION HAUTE TENSION	US	NP	Grant	23/03/1999	09/274471			23/05/2000	6062043		23/03/2019
		CA	NP	Publication of application	25/03/1999	2 264 329	30/09/1999	2 264 329				25/03/2019
		EP	EPA	Publication of application	29/03/1999	99400753.2	06/10/1999	0948146				29/03/2019
		FR	NP	Grant	30/03/1998	98 03 897			11/08/2000	2 776 868		30/03/2018
		US	NP	Grant	29/03/1999	09/281668	01/10/1999	2 776 868	05/08/2002	6430392	11/10/2004	29/03/2019
101370	PIEGE ADAPTABLE DE PLASMA IONISE POUR PROTECTION HAUTE TENSION	CA	NP	Abandoned	19/10/1999	2 266 432			28/02/2002	002 207		25/10/2019
		EA	NP	Grant	28/10/1999	1999 008840			12/01/2005	0998183		29/10/2018
		FR	NP	Grant	25/10/1998	98 13 581	03/05/2000	0998183	15/12/2000	2 785 446		29/10/2018
		IT	EPA	Grant	25/10/1999	99402637.5	03/05/2000	0998183	12/01/2005	0998183		25/10/2019
		KZ	EAB	Grant	28/10/1999	1999 008840			28/02/2002	002267		28/10/2019
101376	SATELLITE SWITCHING NETWORK	RU	EAB	Grant	28/10/1999	1999 008840			28/02/2002	001167		28/10/2019
		US	NP	Grant	29/10/1999	09/429949			11/02/2003	6518995		29/10/2019
		CA	PCT	Abandoned	04/02/1999	2 285 644			04/08/2000	2 774 543	22/05/2003	05/02/2018
		FR	NP	Grant	05/02/1998	98 01 338	06/08/1999	2 774 543	22/10/2003	0 936 823		04/02/2019
		GB	EPA	Grant	04/02/1999	99 400 251.7	18/08/1999	0 936 823	22/10/2003	0 936 823		04/02/2019
101461	OMNIDIRECTIONAL ANTENNA COVERAGE	IT	PCT	Abandoned	04/02/1999	1999 4830			21/07/2000			
		NQ	PCT	Abandoned	04/02/1999	1999 4830						
		US	PCT	Grant	04/02/1999	09/402251			14/09/2004	6791978		04/02/2019
		CA	NP	Publication of application	23/12/1999	2 296 204	30/06/2000	2 296 204				23/12/2019
		DE	EPA	Grant	23/12/1999	99403261.3	05/07/2000	1017189	02/08/2006	1017189		23/12/2019
101505	RF ISOLATION MMIC PACKAGE	FR	EPA	Grant	23/12/1999	99403261.3	05/07/2000	1017189	02/08/2006	1017189		23/12/2019
		FR	NP	Grant	31/12/1998	98 16 713	07/07/2000	2 788 179	20/06/2003	2 788 179		31/12/2018
		GB	EPA	Grant	23/12/1999	99403261.3	05/07/2000	1017189	02/08/2006	1017189		23/12/2019
		US	NP	Grant	23/12/1999	09/471281			01/03/2005	6862259		23/12/2019
		AU	NP	Abandoned	09/03/1999	19518/99			09/06/2002	747 128	05/05/2002	
101505	FAULT-TOLERANT SWITCHING NETWORK	CA	NP	Abandoned	05/02/1999	2 259 547	19/09/1999	2 259 547			12/12/2003	
		CN	NP	Abandoned	19/03/1999	99104139.9	29/01/2000	1242647A			21/07/2000	
		EA	NP	Abandoned	18/03/1999	1999-00214	28/10/1999	1999-00214			21/07/2000	
		EP	EPA	Publication of application	01/03/1999	99400486.9	22/09/1999	0944115				01/03/2019
		FR	NP	Grant	19/03/1998	98 03 355	24/09/1999	2 776 435	28/04/2000	2 776 435	21/07/2000	15/03/2018
101505	FAULT-TOLERANT SWITCHING NETWORK	ID	NP	Abandoned	17/03/1999	P-99 0228	23/09/1999	P-99 0228				05/03/2019
		JP	NP	Publication of application	05/03/1999	56883/99	29/10/1999	296265/99				05/03/2019
		NQ	NP	Abandoned	18/03/1999	1999-1319					21/07/2000	
		US	NP	Grant	18/03/1999	09/271871			19/09/2000	6121833		18/03/2019
		CA	NP	Grant	06/12/1999	2 291 513	07/06/2000	2 291 513	14/10/2003	2 291 513		06/12/2019
101505	FAULT-TOLERANT SWITCHING NETWORK	EP	EPA	Publication of application	06/12/1999	99403035.1	14/06/2000	1009173				06/12/2019
		FR	NP	Grant	07/12/1998	98 15 397	06/09/2000	2 790 631	04/05/2001	2 790 631		07/12/2018
		US	NP	Grant	06/12/1999	09/455489			16/04/2002	6373151		06/12/2019

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
101894	SATELLITE CONTROL RECEIVER WITH HIGH AND LOW B.T	DE	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		FR	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		FR	NP	Grant	29/11/1999	9914973	01/09/2001	2801747	08/09/2006	2801747		29/11/2019
		GB	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		IT	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
101993	SOLAR PANEL LATERAL DEPLOYMENT	JP	NP	Publication of application	28/11/2000	2000-361 005	10/09/2001	2001-217 765				28/11/2020
		LU	EPA	Grant	09/11/2000	00403113.4	30/05/2001	1104120	01/03/2006	1104120		09/11/2020
		NL	EPA	Grant	09/11/2000	00403113.4			01/03/2006	1104120		09/11/2020
		US	NP	Grant	14/11/2000	09/710887			07/12/2004	6829310		14/11/2020
		FR	NP	Abandoned	04/11/1999	99 13 797					29/09/2000	
101998	SYSTEME OPTIQUE A FAIBLE TAUX DE LUMIERE PARASITE MUNI D'UN DISPOSITIF OPTIQUE D'HARMONISATION D'AXE	US	CNT	Grant	22/04/2002	10/126660			26/11/2002	6484972		04/11/2019
		US	NP	Abandoned	20/09/2000	09/566387					28/08/2002	
		CA	NP	Abandoned	10/12/2002	2 321 359	04/05/2001	2 321 359				
		EP	EPA	Abandoned	09/10/2003	00402776.9	09/05/2001	1097865			04/10/2005	
		FR	NP	Grant	04/10/1995	99 13 798	11/05/2001	2 800 708	25/01/2002	2 800 708		04/11/2019
102014	SPACECRAFT THERMAL SIMULATION	JP	NP	Publication of application	02/11/2000	2000-335 831	17/07/2001	2001-191 958				02/11/2020
		US	NP	Grant	03/11/2000	09/704702			26/11/2002	6485213		03/11/2020
		CA	NP	Abandoned	09/05/2000	2 308 864	12/11/2000	2 308 864			03/05/2005	
		EP	EPA	Publication of application	11/05/2000	00401291.0	15/11/2000	1052476				11/05/2020
		FR	NP	Grant	12/05/1999	99 06 100	17/11/2000	2 793 559	27/07/2001	2 793 559		12/05/2019
102040	PYROTECHNIC CHOC ATTENUATION METHOD	JP	NP	Publication of application	12/05/2000	2000-140 848	15/12/2000	2000-347 081				12/05/2020
		US	NP	Grant	10/05/2000	09/567441			22/01/2002	6341014		10/05/2020
		BE	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		DE	EPA	Grant	05/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
		FR	EPA	Grant	09/03/2000	00 400 593.0	13/09/2000	1 035 017	26/05/2004	1 035 017		06/03/2020
102135	OPTICAL DEVICE DEFOCUSING MEASUREMENT	FR	NP	Grant	11/02/2000	09/502233			25/12/2001	6332591		11/02/2020
		CA	NP	Publication of application	29/02/2000	2 299 650	04/09/2000	2 299 660				29/02/2020
		DE	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		FR	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		FR	NP	Grant	04/03/1999	99 02 684	08/09/2000	2 790 526	12/10/2001	2 790 526		04/03/2019
102149	ARTICULATION ALTO-MOTORISEE, SANS FROTTEMENT ET ENSEMBLE ARTICULE TEL QU'UN PANNEAU SOLAIRE EQUIPE DE TELLES ARTICULATIONS	GB	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		IT	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		NL	EPA	Grant	02/03/2000	00400561.7	06/09/2000	1033506	18/08/2004	1033506		02/03/2020
		US	NP	Grant	01/03/2000	09/516514	06/09/2000	1033505	31/12/2002	6500517		01/03/2020
		EP	EPA	Abandoned	16/07/2001	01401903.8	30/01/2002	1176452			04/05/2005	
102155	ARTICULATION ALTO-MOTORISEE, SANS FROTTEMENT ET ENSEMBLE ARTICULE TEL QU'UN PANNEAU SOLAIRE EQUIPE DE TELLES ARTICULATIONS	FR	NP	Grant	27/07/2000	00 09 835	01/02/2002	2 812 406	17/01/2003	2 812 406		27/07/2020
		IL	NP	Abandoned	19/07/2001	144 457					12/12/2003	
		CA	NP	Grant	04/08/1999	607 652	24/05/1994	1 329 691	15/07/1992	1 329 691		24/05/2011
		DE	EPA	Grant	07/08/1999	89 402 227.6	15/07/1992	0 354 837	07/08/2009	0 354 837		07/08/2009
		ES	EPA	Grant	07/08/1999	89 402 227.6	15/07/1992	0 354 837	07/08/2009	0 354 837		07/08/2009
102156	ARTICULATION ALTO-MOTORISEE, SANS FROTTEMENT ET ENSEMBLE ARTICULE TEL QU'UN PANNEAU SOLAIRE EQUIPE DE TELLES ARTICULATIONS	FR	NP	Grant	08/08/1998	88 10 695	09/02/1990	2 635 077	09/11/1990	2 635 077		09/11/2009
		GB	EPA	Grant	07/08/1998	89 402 227.6	15/07/1992	0 354 837	07/08/2009	0 354 837		07/08/2009
		IT	EPA	Grant	07/08/1998	89 402 227.6	15/07/1992	0 354 837	07/08/2009	0 354 837		07/08/2009
		JP	NP	Grant	08/08/1998	205 568 89	21/05/1999	2 591 330	15/07/1992	2 591 330		08/08/2009
		NL	EPA	Grant	07/08/1998	89 402 227.6	15/07/1992	0 354 837	07/08/2009	0 354 837		07/08/2009
102157	ARTICULATION ALTO-MOTORISEE, SANS FROTTEMENT ET ENSEMBLE ARTICULE TEL QU'UN PANNEAU SOLAIRE EQUIPE DE TELLES ARTICULATIONS	SE	EPA	Abandoned	07/08/1998	89 402 227.6	15/07/1992	0 354 837	07/08/2009	0 354 837		07/08/2009
		US	NP	Grant	31/07/1999	397556	11/02/1992	5086541				31/07/2009

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
102158	SATELLITE DE TYPE GEOSTATIONNAIRE A SYSTEME DE MANOEUVRE D'APOGEE A ERGOLS LIQUIDES ET A PLUSIEURS TUYERES	CA	NP	Abandoned	25/02/1991	2 037 005	27/08/1991	2 037 005	10/11/1993	0 445 011	12/10/2000	22/02/2011
		DE	EPA	Grant	22/02/1991	91 400 489.0			10/11/1993	0 445 011	11/02/1999	22/02/2011
		ES	EPA	Abandoned	22/02/1991	91 400 489.0			10/11/1993	0 445 011		22/02/2011
		FR	EPA	Grant	22/02/1991	91 400 489.0			03/07/1992	2 658 782	17/06/1999	22/02/2011
		FR	NP	Abandoned	26/02/1990	90 02 356	30/08/1991	2 658 782	10/11/1993	0 445 011		22/02/2011
		GB	EPA	Grant	22/02/1991	91 400 489.0			10/11/1993	0 445 011	11/02/1999	22/02/2011
		IT	EPA	Abandoned	22/02/1991	91 400 489			10/11/1993	0 445 011	11/02/1999	22/02/2011
		JP	NP	Grant	26/02/1991	1.4 208.91			25/08/2000	3 102 578	11/02/1999	26/02/2011
		NL	EPA	Abandoned	22/02/1991	91 400 489			10/11/1993	0 445 011	11/02/1999	22/02/2011
		SE	EPA	Abandoned	22/02/1991	91 400 489.0			10/11/1993	0 445 011	11/02/1999	22/02/2011
102160	SATELLITE DE TYPE GEOSTATIONNAIRE A SYSTEME DE MANOEUVRE D'APOGEE A ERGOLS LIQUIDES ET A ANTENNES CREUSES	US	CNT	Abandoned	08/09/1994	08/332388			04/07/2000	6082678	08/07/1999	13/07/2010
		US	CNT	Grant	21/10/1998	09/176712			24/07/2001	6264145		13/07/2010
		US	CNT	Grant	08/09/1999	09/391554						
		US	NP	Abandoned	21/02/1991	07/659515					08/09/1994	
		CA	NP	Abandoned	25/02/1991	2 037 008	27/08/1991	2 037 008			12/10/2000	
		DE	EPA	Grant	22/02/1991	91 400 488.2			22/09/1993	0 445 010		22/02/2011
		ES	EPA	Abandoned	22/02/1991	91 400 488.2			22/09/1993	0 445 010	11/02/1999	
		FR	EPA	Grant	22/02/1991	91 400 488.2			22/09/1993	0 445 010		22/02/2011
		FR	NP	Abandoned	26/02/1990	90 02 367	30/08/1991	2 658 783	03/07/1992	2 658 783	17/06/1999	
		GB	EPA	Grant	22/02/1991	91 400 488.2			22/09/1993	0 445 010	11/02/1999	22/02/2011
102185	PAYLOAD FOR CONNECTING URBAN AREAS SATELLITE	IT	EPA	Abandoned	22/02/1991	91 400 488.2			22/09/1993	0 445 010		22/02/2011
		JP	NP	Grant	26/02/1991	30 954/91	02/03/1993	5-50 996	20/10/2000	3 122 147		26/02/2011
		NL	EPA	Abandoned	22/02/1991	91 400 488.2			22/09/1993	0 445 010	11/02/1999	
		SE	EPA	Abandoned	22/02/1991	91 400 488.2			22/09/1993	0 445 010	11/02/1999	
		US	NP	Abandoned	21/02/1991	659006			08/12/1992	5169094	12/10/2000	
		DE	EPA	Grant	22/11/2000	00403253.8	30/05/2001	1104124	11/10/2006	1104124		22/11/2020
		FR	EPA	Grant	22/11/2000	00403253.8	30/05/2001	1104124	11/10/2006	1104124		22/11/2020
		FR	NP	Grant	29/11/1999	99 14 974	01/06/2001	2 801 748	08/02/2002	2 801 748		29/11/2019
		GB	EPA	Grant	22/11/2000	00403253.8	30/05/2001	1104124	11/10/2006	1104124		22/11/2020
		JP	NP	Publication of application	21/11/2000	2000-354 :86	19/07/2001	2001-196 992				21/11/2020
102200	OPTOELECTRONIC INTERCONNECTION	US	NP	Filing	28/11/2003	09/722259						28/11/2020
		CA	NP	Abandoned	24/05/2001	23-8802	03/12/2001	2 348 802			09/02/2006	
		EP	EPA	Abandoned	21/05/2001	01-01320.5	12/12/2001	1162650			09/02/2006	
		FR	NP	Abandoned	08/06/2000	00 07 352	14/12/2001	2 810 192			09/02/2006	
		JP	NP	Abandoned	07/06/2001	2001-177970	22/02/2002	2002-55912			09/02/2006	
		US	NP	Grant	29/05/2001	09/865720	13/12/2001	2001050430	22/06/2004	6754405		26/05/2021
		CA	NP	Abandoned	19/12/2000	2 328 395	23/06/2001	2 328 395			08/12/2005	
		EP	EPA	Publication of application	14/12/2000	00403522.6	27/06/2001	1111789				14/12/2020
		FR	NP	Grant	23/12/1999	99 16 333	29/06/2001	2 803 147	06/12/2002	2 803 147		23/12/2019
		JP	NP	Publication of application	20/12/2000	2000-386 883	07/09/2001	2001-244 701				26/12/2020
102282	SATELLITE STABILISE 3-AXES A POINTAGE GEOCENTRIQUE EN ORBITE BASSE A GENERATEUR SOLAIRE ORIENTABLE 1-AXE	US	NP	Grant	19/12/2000	09/739286	05/07/2001	20010306310	26/08/2003	66.1070		19/12/2020
		DE	NP	Grant	23/09/1994	P 44 34 109.1	30/03/1995	P 44 34 109.1	10/11/2005	4434109		23/09/2014
		FR	NP	Grant	23/09/1993	93 11 340			15/12/1995	2 710 314		23/09/2013
		GB	NP	Grant	20/09/1994	94 19065.9			16/04/1997	2 282 114		20/09/2014
		US	NP	Grant	15/09/1994	08/306901			05/08/1997	5653407		15/09/2014
		DE	NP	Publication of application	22/12/1994	P 44 46 125.9	29/06/1995	P 44 46 125.9				22/12/2014
		FR	NP	Grant	27/12/1993	93 15 684			22/03/1996	2 714 357		27/12/2013
		GB	NP	Grant	23/12/1994	9426130.2			11/03/1998	2 285 521		23/12/2014
		US	NP	Grant	23/12/1994	363370			10/12/1996	5582369		23/12/2014
		FR	NP	Grant	08/12/1994	94 14 769	14/06/1996	2 727 934	07/03/1997	2 727 934		08/12/2014
102286	SATELLITE GEOSTATIONNAIRE STABILISE 3-AXES A SURVEILLANCE RADAR DANS SON ESPACE ENVIRONNANT	US	NP	Grant	05/12/1995	08/567331			23/10/1996	0 738 656		05/12/2015
		DE	EPA	Grant	17/04/1996	96 400 817.1			25/10/2000	0 738 656		17/04/2016
		ES	EPA	Grant	17/04/1996	96 400 817.1			25/10/2000	0 738 656		17/04/2016
		FR	NP	Grant	19/04/1995	95 04 642			11/07/1997	2 733 286		19/04/2015
		GB	EPA	Grant	17/04/1996	96 400 817.1			25/10/2000	0 738 656		17/04/2016
		IT	EPA	Grant	17/04/1996	96 400 817.1			23/10/1996	0 738 656		17/04/2016
		US	NP	Grant	05/04/1996	628517			03/03/1998	5722510		05/04/2016
		CA	NP	Abandoned	15/07/1997	2 210 514	16/01/1998	2 210 514			05/05/1999	
		DE	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		ES	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
102290	DISPOSITIF DE SUSPENSION ET DE GUIDAGE EN TRANSLATION POUR UN APPAREIL ET APPAREIL EQUIPE D'UN TEL DISPOSITIF	FR	NP	Grant	16/07/1996	96 08 848			11/09/1998	2 751 470		16/07/2016
		GB	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		IT	EPA	Grant	30/06/1997	97 401 514.1	21/03/1998	0 819 962	27/08/2003	0 819 962		30/06/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017
		US	NP	Grant	16/07/1997	08/895022			12/01/1999	589731		16/07/2017

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
102291	SATELLITE GESTIONNAIRE STABILISE TROIS AXES A CONTROLE THERMIQUE PERFECTIONNEE	CN	PCT	Abandoned	08/02/1998	98802427.6	09/03/2000	124583.1A			12/10/2000	
		EP	EPA	Abandoned	08/02/1998	98400251.3	12/08/1998	0857650			08/04/2004	
		FR	NP	Grant	10/02/1997	97 01 471	14/08/1998	2 759 345	16/04/1999	2 759 345		10/02/2017
		JP	PCT	Abandoned	08/02/1998	10-533 885					05/11/2003	
		RU	PCT	Abandoned	06/02/1998	99 119314					20/12/2002	
102292	SATELLITE A REJET THERMIQUE AMELIORE	US	PCT	Grant	06/02/1996	09/241318			05/06/2001	6241.93		06/02/2018
		CN	NP	Abandoned	28/06/1998	98115607.X					12/10/2000	
		DE	EPA	Grant	03/06/1998	98 401 320.1	31/12/1998	2 765 190	24/04/2002	0 887 260		03/06/2018
		FR	NP	Grant	26/05/1997	97 08 007			27/08/1999	2 765 190		26/06/2017
		GB	EPA	Grant	03/06/1998	98 401 320.1			24/04/2002	0 887 260		03/06/2018
102295	ENSEMBLE INTEGRE ET COMPACT DE MONTAGE ISOSTATIQUE ET DE CORRECTION DE POSITION D'UN M'ROIR D'UN TELESCOPE SPATIAL	IT	EPA	Grant	03/06/1998	98 401 320.1			24/04/2002	0 887 260		03/06/2018
		JP	NP	Abandoned	24/06/1998	10-177 537					30/05/2005	
		US	NP	Grant	23/06/1998	09/104199			08/08/2000	6199931		25/06/2018
		CA	PCT	Abandoned	22/01/1999	2 318 045					12/12/2003	
		DE	EPT	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950	13/03/2002	1 049 950		22/01/2019
102296	DISPOSITIF DE COMMANDE D'UNE ROTATION RELATIVE ENTRE DEUX ELEMENTS ARTICLES ET STRUCTURE MECANIQUE DEPLOYABLE, NOTAMMENT POUR VEHICULE SPATIAL UTILISANT AU MOINS UN DISPOSITIF DE CE TYPE	FR	EPT	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950	13/03/2002	1 049 950		22/01/2019
		GB	EPT	Grant	22/01/1999	98 00 663			23/11/2001	2 773 890		22/01/2019
		IT	EPT	Grant	22/01/1999	99 900 985.5	08/11/2000	1 049 950	13/03/2002	1 049 950		22/01/2019
		JP	PCT	Filing	22/01/1999	200C-528891	08/11/2000	1 049 950	13/03/2002	1 049 950		22/01/2019
		US	PCT	Grant	22/01/1999	09/581553	17/01/2001	1 068 447	11/06/2002	6402329		22/01/2019
102297	DISPOSITIF PARE-SOLEIL, POUR UN INSTRUMENT D'OPTIQUE TEL QU'UN TELESCOPE	AT	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447	26/02/2003	1 068 447		02/04/2019
		CA	PCT	Filing	02/04/1999	2324866	17/01/2001	1 068 447	26/02/2003	1 068 447		02/04/2019
		DE	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447	26/02/2003	1 068 447		02/04/2019
		FR	NP	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447	26/02/2003	1 068 447	04/08/2004	02/04/2019
		GB	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447	26/02/2003	1 068 447		02/04/2019
102328	BI-BAND PRIMARY SOURCE FOR TX/RX ANTENNA	IT	PCT	Filing	02/04/1999	200C-542575	17/01/2001	1 068 447	26/02/2003	1 068 447		02/04/2019
		SE	EPT	Grant	02/04/1999	99 911 867.2	17/01/2001	1 068 447	26/02/2003	1 068 447		02/04/2019
		US	PCT	Grant	02/04/1999	09/617839	17/01/2001	1 068 447	09/10/2001	6298662		02/04/2019
		CA	NP	Abandoned	22/03/1999	2 266 611					05/11/2003	
		DE	EPA	Grant	23/03/1999	99 400 709.4	20/10/1999	0 950 910	02/01/2004	0 950 910		23/03/2019
102329	DISPOSITIF PARE-SOLEIL, POUR UN INSTRUMENT D'OPTIQUE TEL QU'UN TELESCOPE	FR	NP	Grant	26/03/1998	98 03 748			16/06/2000	2 776 783		26/03/2018
		GB	EPA	Grant	23/03/1999	99 400 709.4	20/10/1999	0 950 910	02/01/2004	0 950 910		23/03/2019
		IT	EPA	Grant	23/03/1999	99 400 709.4	20/10/1999	0 950 910	02/01/2004	0 950 910		23/03/2019
		JP	NP	Abandoned	25/03/1999	81652/99					25/02/2006	
		US	NP	Grant	25/03/1999	09/276492			13/03/2001	6199988		25/03/2019
102332	BI-BAND PRIMARY SOURCE FOR TX/RX ANTENNA	CA	NP	Publication of application	05/12/2000	2327371	09/06/2001	2 327 371				05/12/2020
		CN	NP	Abandoned	08/12/2000	00135293.8	27/06/2001	1301057A			16/09/2002	
		EP	EPA	Publication of application	07/12/2000	00403428.6	13/06/2001	1107359				07/12/2020
		FR	NP	Grant	09/12/1999	99 15 527	15/06/2001	2 802 381	31/05/2002	2 802 381		09/12/2019
		JP	NP	Publication of application	06/12/2000	2000-371 016	07/09/2001	2001-244 730				06/12/2020
102333	DISPOSITIF PNEUMATIQUE DE VERROUILLAGE/DEVERROUILLAGE D'UN ROTOR SUR UN STATOR	US	NP	Grant	07/12/2000	09/730832	14/06/2001	20010003444	23/07/2002	5424312		07/12/2020
		CH	EPA	Grant	12/02/1996	96 400 286.9	04/09/1996	0 729 885	03/11/1999	0 729 885		12/02/2015
		DE	EPA	Grant	12/02/1996	96 400 286.9	04/09/1996	0 729 885	03/11/1999	0 729 885		12/02/2015
		FR	EPA	Grant	12/02/1996	96 400 286.9	04/09/1996	0 729 885	03/11/1999	0 729 885		12/02/2015
		GB	EPA	Abandoned	02/03/1996	95 02 418	06/08/1996	2 731 203	30/05/1997	22092000		12/02/2015
102334	SYSTEME DE BLOCAGE TEMPORAIRE DE DEPLACEMENT DE DEUX CORPS L'UN PAR RAPPORT A L'AUTRE, SUIVANT AU MOINS UN SENS D'UNE DIRECTION PREDETERMINEE	IT	EPA	Abandoned	12/02/1996	96 400 286.9	04/09/1996	0 729 885	03/11/1999	0 729 885		12/02/2015
		JP	NP	Grant	12/02/1996	96 400 286.9	04/09/1996	0 729 885	03/11/1999	0 729 885		12/02/2015
		US	NP	Abandoned	01/03/1996	44 654/95	24/09/1996	8 247 182			12/10/2000	
		CA	PCT	Grant	29/02/1996	09/609757			28/12/1999	5006871		29/02/2015
		DE	EPT	Grant	21/05/1997	2 256 026	03/03/1999	0 898 551	28/06/2000	0 898 551	23/04/2002	21/05/2017
102335	MAGNETIC GYRO 3 AXES.	FR	NP	Grant	22/05/1996	96 06 345	28/11/1987	2 748 987	06/11/1998	2 748 987		22/05/2015
		GB	EPT	Grant	21/05/1997	97 925 110.5	03/03/1999	0 898 551	28/06/2000	0 898 551		21/05/2017
		JP	PCT	Abandoned	21/05/1997	9-541718	29/08/2000	2000-511 131			23/04/2002	
		US	PCT	Grant	21/05/1997	09/194157	15/02/2001	DE 100 36 529	11/09/2001	6287035		21/05/2017
		DE	NP	Publication of application	27/07/2000	100 36 529.9						27/07/2020
102360	MAGNETIC GYRO 5 AXES.	FR	NP	Grant	09/08/1999	99 10 313	16/02/2001	2 797 477	12/10/2001	2 797 477		09/08/2019
		US	NP	Grant	23/06/2000	09/599508			26/02/2002	6351045		23/06/2020
		DE	NP	Publication of application	27/07/2000	100 36 526.4	15/02/2001	DE 100 36 526				27/07/2020
		FR	NP	Grant	09/08/1999	99 10 314	16/02/2001	2 797 478	12/10/2001	2 797 478		09/08/2019
		US	NP	Grant	23/06/2000	09/599855			07/05/2002	6384506		23/06/2020
102396	HI-RESOLUTION COMPACT SPECTROMETER	BE	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020
		CH	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020
		DE	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020
		FR	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020
		FR	NP	Abandoned	26/08/1999	9910302	02/03/2001	2 797 949	19/10/2001	2797949	09/11/2005	21/08/2020
102397	HI-RESOLUTION COMPACT SPECTROMETER	GB	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020
		IT	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020
		NL	EPA	Grant	21/08/2000	00402321.4	28/02/2001	1079215	29/12/2004	1079215		21/08/2020

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
102399	SPACE GYROS	EP	EPA	Publication of application	22/06/2000	00401784.4	10/01/2001	1067446				22/06/2020
		FR	NP	Grant	08/07/1999	99 08 841	12/01/2001	2 796 172	21/09/2001	2 796 172		08/07/2019
		US	NP	Grant	30/06/2000	09/507956			31/12/2002	649699		30/06/2020
102558	SPACE BASED WIND LIDAR	EP	EPA	Publication of application	30/07/2001	01402060.6	06/02/2002	1178334				30/07/2021
		FR	NP	Grant	02/08/2000	03 10 190	09/02/2002	2 812 726	04/06/2004	2 812 726		02/08/2021
		JP	NP	Publication of application	01/09/2001	2001-233 082	22/05/2002	2002-148338				01/08/2021
		US	NP	Grant	01/08/2001	09/915502	29/03/2002	20020035766	21/10/2003	6634600		01/08/2021
		CA	NP	Publication of application	08/01/2001	2332381	12/07/2001	2 332 381				08/01/2021
102656	COMPOSITE MULTIMODE DIELECTRIC RESONATOR	EP	EPA	Publication of application	11/01/2001	01400061.6	18/07/2001	1117146				11/01/2021
		FR	NP	Grant	12/01/2000	00 00 312	13/07/2001	2 803 693	20/06/2003	2 803 693		12/01/2020
		JP	NP	Publication of application	10/01/2001	2001-244 712	07/09/2001	2001-244 712				10/01/2021
		US	NP	Grant	03/01/2001	09/754342	12/07/2001	20017439	08/10/2002	6462634		05/01/2021
102730	PASSIVE ELLIPTIQUE SHADE COOLER	EP	EPA	Publication of application	24/09/2001	01402442.6	02/05/2002	1202034				24/09/2021
		FR	NP	Grant	31/10/2000	00 13 999	03/05/2002	2 816 038	17/01/2003	2 816 038		31/10/2020
		JP	NP	Abandoned	30/02/2001	2001-332 735					05/11/2001	
102823	FLY WHEEL AND GYROSCOPE FOR SATELLITE	US	NP	Grant	15/10/2001	09/977307	02/05/2002	20020050340	15/07/2003	6592079		16/10/2021
		DE	NP	Filing	03/01/2001	101 00 023.5						03/01/2021
		FR	NP	Grant	10/01/2000	00 00 218	13/07/2001	2 803 578	05/04/2002	2 803 578		10/01/2020
102941	MOTORISATION OF EARTH SIDE OF GEOSATELLITE	US	NP	Grant	04/01/2001	09/753610	12/07/2001	2001007340	03/09/2002	6443398		04/01/2021
		FR	EPA	Grant	20/09/2001	01402415.2	24/04/2002	1199250	29/12/2004	1199250		20/09/2021
		FR	NP	Abandoned	16/02/2000	0013211	19/04/2002	2 815 323	31/01/2003	2815323		09/11/2005
		US	NP	Abandoned	15/10/2001	09/975995	29/08/2002	20020119750			01/12/2005	
		CA	NP	Abandoned	04/12/2000	2327287	23/06/2001	1111788			19/11/2005	
102970	EQUAL PATH SWITCH MATRIX	EP	EPA	Publication of application	04/12/2000	00403388.2	27/06/2001	1111788				04/12/2020
		FR	NP	Grant	23/12/1999	99 16 334	29/06/2001	2 803 141	31/05/2002	2 803 141		23/12/2019
		JP	NP	Publication of application	22/12/2000	2000-350 558	07/09/2001	2001-244 702				22/12/2020
		US	NP	Grant	18/12/2000	09/737650	03/07/2001	20010006361	10/12/2002	6492882		18/12/2020
103006	SATELLITE RESSOURCE MANAGEMENT	CA	NP	Publication of application	26/06/2001	2 351 505	13/01/2002	2 351 505				26/06/2021
		EP	EPA	Publication of application	14/06/2001	01401551.5	16/01/2002	1172948				14/06/2021
		FR	NP	Publication of application	13/07/2000	00 09 198	18/01/2002	2 811 841	17/01/2002	2 811 841		13/07/2020
		JP	NP	Publication of application	12/07/2001	2001-212 449	19/04/2002	2002-118 599				12/07/2021
103096	LOW COST WIDEBAND LINEARISER	US	NP	Grant	12/07/2001	09/992752	24/01/2002	20020009032	28/11/2006	7145322		12/07/2021
		EP	EPA	Publication of application	21/11/2002	0292889.9	18/06/2003	1320190				21/11/2022
		FR	NP	Grant	06/12/2001	01 15 774	13/06/2003	2 833 431	17/12/2004	2 833 431		06/12/2021
		US	NP	Grant	04/12/2002	10/309172	26/06/2003	20030117216	07/09/2004	6788139		04/12/2022
103171	INTERFEROMETRIC RECOMBINATION	EP	EPA	Publication of application	26/07/2001	01402022.6	30/01/2002	1176387				26/07/2021
		FR	NP	Grant	27/07/2000	00 09 834	01/02/2002	2 812 408	03/10/2003	2 812 408		27/07/2020
		JP	NP	Publication of application	27/07/2001	2001-228 329	09/05/2002	2002-131 014				27/07/2021
		US	NP	Grant	20/07/2001	09/908629	21/02/2002	20020021446	13/07/2004	6762843		20/07/2021
103192	GYRO COMMAND LAW FOR AGILE SATELLITES	EP	EPA	Publication of application	20/12/2001	01403326.0	17/07/2002	1223104				20/12/2021
		FR	NP	Grant	15/01/2001	01 00 462	19/07/2002	2 819 597	11/04/2003	2 819 597		15/01/2021
		CA	NP	Publication of application	28/06/2001	2 351 793	10/02/2002	2 351 793				28/06/2021
		EP	EPA	Publication of application	28/06/2001	01401723.0	06/03/2002	1184932				28/06/2021
103214	2 FOR 1 REDUNDANCY WITHOUT SWITCH	FR	NP	Publication of application	10/08/2000	00 10 527	15/02/2002	2 812 974	31/01/2003	2 812 974		10/08/2020
		JP	NP	Grant	03/08/2001	2001-235 898	17/05/2002	2002-141712				03/08/2021
		US	NP	Grant	05/07/2001	09/698065	14/03/2002	20020030553	03/06/2003	5573810		05/07/2021
		DE	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
103220	PHASE ROTATION TRANSPARENT QPSK T/R	FR	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		FR	NP	Abandoned	15/01/2001	01 00 464	19/07/2002	2 819 554	04/04/2003	2 819 554		03/01/2005
		GB	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		IT	EPA	Grant	20/12/2001	01 403 327.8	17/07/2002	1 223 701	18/02/2004	1 223 701		20/12/2021
		US	NP	Grant	14/01/2002	10/043111	19/09/2002	20020133644	11/04/2006	7027524		14/01/2022
103360	COAX COUPLER FOR DRO	EP	EPA	Publication of application	27/12/2001	01403371.6	21/08/2002	1233470				27/12/2021
		FR	NP	Grant	15/02/2001	01 02 016	16/08/2002	2 820 884	16/05/2003	2 820 884		15/02/2021
		US	NP	Grant	24/01/2002	10/053655	15/08/2002	20020110646	09/09/2003	5617944		24/01/2022
103385	SPECTROMETER WITH 2D FOURIER TRANSFORMATION	DE	NP	Publication of application	14/10/2002	102 48 914.9	30/04/2003	DE 102 48 914				14/10/2022
		FR	NP	Grant	18/10/2001	01 13 439	25/04/2003	2 831 265	30/01/2004	2 831 265		18/10/2021

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
103391	SOLID STATE REDUNDANCY SWITCH MATRIX	FR	EPA	Grant	21/01/2002	02290146.6	04/09/2002	1237299	01/12/2004	1237299	19/09/2005	21/01/2022
		FR	NP	Abandoned	01/03/2001	0102809	09/09/2002	2 821 700	23/05/2005	2 821 700		
103403	ALIGNMENT OF LIDAR T/R	DE	NP	Publication of application	06/12/2001	10160019.4	05/12/2002	101 60 019.4				05/12/2021
103405	SATELLITE LIDAR DIRECTION FINDING	FR	NP	Grant	14/12/2000	00 16 312	21/06/2002	2 818 386	04/06/2004	2 818 386		14/12/2020
		DE	NP	Grant	06/12/2001	10160020.8	07/11/2002	101 60 020.8	06/07/2006	101 60 020		05/12/2021
		FR	NP	Grant	14/12/2000	0016311	21/06/2002	2818469	24/11/2006	2818469		14/12/2020
103426	TRANSMITTER LOCALISATION BY SATELLITE	EP	EPA	Publication of application	07/01/2002	02290023.7	31/07/2002	1227333				07/01/2022
		FR	NP	Grant	15/01/2001	01 00 463	19/07/2002	2 819 657	11/04/2003	2 819 657		15/01/2021
		US	NP	Grant	14/01/2002	10/243327	12/09/2002	20020126043	24/06/2006	6583755		14/01/2022
		DE	EPT	Grant	18/02/2002	02706869.1	26/09/2002	1373071	21/06/2006	1373071		19/02/2022
		FR	EPT	Grant	18/02/2002	02706869.1	26/09/2002	1373071	21/06/2006	1373071		19/02/2022
		FR	NP	Grant	21/03/2001	01 03 822	27/09/2002	2 822 436	15/08/2003	2 822 436		21/03/2021
103551	ELECTRICAL NETWORK FOR SOLAR ARRAYS	GB	EPT	Grant	18/02/2002	02706869.1	26/09/2002	1373071	21/06/2006	1373071		18/02/2022
		JP	PCT	Publication of application	18/02/2002	2002-573 302	20/09/2004	2004-530293				18/02/2022
		US	PCT	Grant	18/02/2002	10/472041	17/06/2004	2004-0112419	07/06/2005	6903260		18/02/2022
		DE	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	10/11/2004	1385740		25/03/2022
		ES	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	10/11/2004	1385740		25/03/2022
		FI	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	10/11/2004	1385740		25/03/2022
103552	STORAGE OF HI-POWER SOLAR PANELS	FR	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	10/11/2004	1385740		25/03/2022
		IT	EPT	Grant	29/03/2001	01 04 231	04/10/2002	2 822 803	15/08/2003	2 822 803		29/03/2021
		US	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	10/11/2004	1385740		25/03/2022
		US	EPT	Grant	25/03/2002	02720077.3	10/10/2002	1385740	10/11/2004	1385740		25/03/2022
		CA	NP	Filing	14/03/2002	10/472865	20/05/2004	20040094193	21/06/2005	6903042		25/03/2022
		DE	EPA	Grant	22/03/2001	01430745.4	25/09/2002	1244176	21/06/2006	1244176		22/03/2021
103652	DUAL POLARISATION ANTENNA WITH LOW SIDE LOBES	FR	EPA	Grant	22/03/2001	01430745.4	25/09/2002	1244176	21/06/2006	1244176		22/03/2021
		GB	EPA	Grant	22/03/2001	01430745.4	25/09/2002	1244176	21/06/2006	1244176		22/03/2021
		JP	NP	Publication of application	19/03/2002	2002-73660	31/10/2002	2002-319819				18/03/2022
		US	NP	Grant	22/03/2002	10/101323	26/09/2002	20020135529	06/07/2004	6759993		20/03/2022
		DE	EPA	Grant	22/11/2001	01 402 992.0	03/07/2002	1 220 003	07/01/2004	1 220 003		22/11/2021
103670	ONE MIRROR ANASTIGMAT TELESCOPE	FR	EPA	Grant	22/11/2001	01 402 992.0	03/07/2002	1 220 003	07/01/2004	1 220 003		22/11/2021
		FR	NP	Grant	22/12/2000	00 16 938	28/06/2002	2 818 757	21/03/2004	2 818 757		22/12/2020
		GB	EPA	Grant	22/11/2001	01 402 992.0	03/07/2002	1 220 003	07/01/2004	1 220 003		22/11/2021
		US	NP	Grant	17/12/2001	10/015883	27/06/2002	20020080476	06/01/2004	6674571		17/12/2021
		DE	EPT	Grant	30/09/2002	02783228.6	23/09/2003	1436197	14/06/2006	1436197		30/09/2022
		FR	EPT	Grant	30/09/2002	02783228.6	23/09/2003	1436197	14/06/2006	1436197		30/09/2022
103671	DISPOSITIF PERMETTANT D'AMELIORER L'EMISSIVITE DES OSR	FR	EPT	Grant	08/10/2001	01 12 939	11/04/2003	2 830 625	08/10/2021	2 830 625		08/10/2021
		GB	EPT	Grant	30/09/2002	02783228.6	23/09/2003	1436197	14/06/2006	1436197		30/09/2022
		JP	PCT	Filing	30/09/2002	2003-543899						30/09/2022
		US	PCT	Publication of application	30/09/2002	10/491633	06/01/2005	20050001101				30/09/2022
103708	TTC BI-STANDARD	EP	EPT	Publication of application	04/02/2002	02701395.2	15/08/2002	1360781				04/02/2022
		FR	NP	Grant	08/02/2001	0101706	09/08/2002	2820567	14/07/2006	2820567		08/02/2021
		JP	PCT	Grant	04/02/2002	2002-563627	11/11/2004	2004-534418	11/08/2006	2002-563627		04/02/2022
		US	PCT	Publication of application	04/02/2002	10/457362	24/06/2004	20040120291				04/02/2022
103712	POWER CONDITIONNING FOR REGULATED BUS	EP	EPA	Publication of application	04/07/2002	02291674.6	12/03/2003	1292001				04/07/2022
		FR	NP	Grant	27/08/2001	01 11 132	28/02/2003	2 828 962	19/12/2003	2 828 962		27/08/2021
		US	NP	Grant	24/07/2002	10/200749	27/02/2003	20030038616	01/06/2004	6744236		24/07/2022
		CA	NP	Publication of application	20/06/2002	2 389 899	21/12/2002	2 389 899				20/06/2022
103735	ELECTRONIC BEAM STEERING ANTENNA	EP	EPA	Publication of application	17/06/2002	02291507.8	02/01/2003	1271689				17/06/2022
		FR	NP	Grant	21/06/2001	01 08 181	27/12/2002	2 826 511	19/12/2003	2 826 511		21/06/2021
		JP	NP	Publication of application	20/06/2002	2002-179 586	14/03/2003	2003-78329				20/06/2022
		US	NP	Grant	20/06/2002	10/175669	26/12/2002	20020196182	30/12/2003	5670918		20/06/2022
103739	LARGE ARPAGA RECEPTION ANTENNA	EP	EPA	Publication of application	18/07/2002	02291819.7	12/03/2003	1291962				18/07/2022
		FR	NP	Grant	06/09/2001	0111532	07/03/2003	2829297	05/01/2007	2829297		05/09/2022
		JP	NP	Publication of application	05/09/2002	2002-260 697	20/03/2003	2003-87041				05/09/2022
		US	NP	Publication of application	01/08/2002	10/208781	06/03/2003	20030043068	09/03/2004	6703976		01/08/2022
		GB	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		CA	NP	Publication of application	03/04/2002	2 380 665	05/10/2002	2 380 665				03/04/2022
103753	DEPLOYABLE RADIATORS FOR SATELLITE	DE	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		FR	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		FR	NP	Abandoned	05/04/2001	01 04 642	11/03/2002	2 823 182	04/06/2004	2 823 182	02/12/2004	05/04/2021
		GB	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		IT	EPA	Grant	28/03/2002	02 290 782.8	09/10/2002	1 247 741	21/01/2004	1 247 741		28/03/2022
		JP	NP	Publication of application	01/04/2002	2002-98 279	23/10/2002	2002-308 199				01/04/2022
		US	NP	Grant	03/04/2002	10/114277	10/10/2002	20020145082	30/12/2003	5669147		03/04/2022
103754	OPTIMIZATION OF SAMPLING FOR IMAGING SYSTEMS	EP	EPT	Publication of application	21/11/2002	02803826.3	05/06/2003	1451660				21/11/2022
		FR	NP	Grant	27/11/2001	01 15 303	30/05/2003	2 832 814	27/02/2004	2 832 814		27/11/2021
		US	PCT	Grant	21/11/2002	10/496990	23/12/2004	20040252263	20/02/2007	7180597		21/11/2022
103867	ORBITAL WAVEFRONT CORRECTION	FR	NP	Grant	15/04/2003	3304688	22/10/2004	2853569	02/12/2005	2853569		15/04/2023

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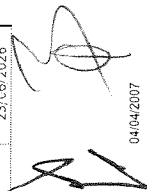
Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
103866	CONCENTRATEUR SOLAIRE POUR APPLICATIONS SPATIALES	EP	EPA	Publication of application	24/12/2002	02293235.4	09/07/2003	1326287				24/12/2022
		FR	NP	Grant	07/01/2003	0200127	11/07/2003	2834584	15/07/2005	2834584		07/01/2022
		JP	NP	Publication of application	06/01/2003	2003-136	30/07/2003	2003-212198				06/01/2023
103891	SAMPLING PHASE DETECTOR	US	NP	Publication of application	06/01/2003	10/336619	21/08/2003	20030155003				06/01/2023
		EP	EPA	Publication of application	21/11/2002	02292890.7	09/07/2003	1326327				21/11/2022
		FR	NP	Grant	29/11/2001	0115429	30/05/2003	2832818	27/02/2004	2832818		29/11/2021
103896	THERMAL TRANSFER EAST-WEST-NORTH-SOUTH	US	NP	Grant	26/11/2002	10/303745	17/07/2003	20030132784	22/06/2004	6753704		26/11/2022
		DE	EPA	Grant	20/02/2004	04290475.5	20/10/2004	1458911	05/04/2006	1468911		20/02/2024
		FR	EPA	Grant	20/02/2004	04290475.5	20/10/2004	1458911	05/04/2006	1468911		20/02/2024
103897	MULTIPANELS SPREADABLE RADIATION WITH FLUID LOOP	FR	NP	Grant	15/04/2003	0304587	22/10/2004	2853883	27/01/2006	2853883		15/04/2023
		GB	EPA	Grant	20/02/2004	04290475.5	20/10/2004	1458911	05/04/2006	1468911		20/02/2024
		US	NP	Grant	27/02/2004	10/787131	25/11/2004	20040232284	10/10/2006	7118076		27/02/2024
103898	EVAPORATOR COMPRISED BETWEEN TWO HEAT PIPES	DE	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004	1293428		15/07/2022
		FR	EPA	Grant	18/09/2001	02291773.6	19/03/2003	1293428	25/08/2004	1293428		18/09/2021
		GB	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004	1293428		15/07/2022
103899	MULTIPANELS SPREADABLE RADIATION WITH FLUID LOOP	IT	EPA	Grant	15/07/2002	02291773.6	19/03/2003	1293428	25/08/2004	1293428		15/07/2022
		US	NP	Grant	01/08/2002	10/208864	20/03/2003	20030051857	30/09/2006	6626231		01/08/2022
		DE	EPA	Grant	16/04/2003	03291147.1	03/12/2003	1356590	17/05/2006	1356590		16/04/2023
103898	EVAPORATOR COMPRISED BETWEEN TWO HEAT PIPES	FR	NP	Grant	30/05/2002	0206638	05/12/2003	2840394	17/05/2006	2840394		30/05/2022
		GB	EPA	Grant	16/04/2003	03291147.1	03/12/2003	1356590	17/05/2006	1356590		16/04/2023
		US	NP	Grant	29/05/2003	10/446828	04/03/2004	20040040591	13/02/2007	7174950		29/05/2023
103916	MULTISPOT RECEIVING ANTENNA	CA	PCT	Filing	17/01/2003	2474126						17/01/2023
		EP	EPT	Publication of application	17/01/2003	03712252.0	07/08/2003	1472760				17/01/2023
		FR	NP	Grant	31/01/2002	0301140	01/08/2003	2835356	30/09/2005	2835356		31/01/2022
104007	QUADRIMODE RF FILTER NO SCREWS	US	PCT	Grant	17/01/2003	10/502097	14/04/2005	20050086356	10/10/2006	7119754		17/01/2023
		CA	PCT	Filing	21/11/2002	2465315						21/11/2022
		EP	EPT	Publication of application	21/11/2002	02803825.5	01/09/2004	1451891				21/11/2022
104008	RADIO BURST SWITCHING IN SATELLITE	FR	NP	Grant	26/11/2001	0115252	30/05/2003	2832860	03/03/2006	2832860		26/11/2021
		US	PCT	Grant	21/11/2002	10/495072	09/12/2004	20040246078	12/04/2005	6879276		21/11/2022
		EP	EPA	Publication of application	14/02/2003	03290353.6	10/09/2003	134258				14/02/2023
104203	SYSTEM AND OPTICAL NETWORK OF MULTISERVICE DISTRIBUTION FOR SATELLITE	FR	NP	Grant	05/03/2002	0202770	12/09/2003	2837043	04/06/2004	2837043		05/03/2022
		JP	NP	Publication of application	25/02/2003	2003-47631	17/10/2003	2003-298489				25/02/2023
		US	NP	Publication of application	28/02/2003	10/375142	11/09/2003	20030169699				28/02/2023
104254	SIGNAL TRANSMISSION SYSTEM WITHOUT CONNECTOR	EP	EPA	Publication of application	18/11/2002	02292860.0	04/06/2003	1317162				18/11/2022
		FR	NP	Grant	27/11/2001	0115301	30/05/2003	2832883	25/05/2006	2832883		27/11/2021
		US	NP	Publication of application	27/11/2001	0115302	30/05/2003	2832883	25/05/2006	2832883		27/11/2021
104281	SOLAR PROTONS IN STAR TRACKERS	US	NP	Publication of application	26/11/2002	10/303746	19/06/2003	20030113121				26/11/2022
		DE	EPA	Grant	26/11/2002	10/303873	03/07/2003	20030123879	02/01/2007	7158726		26/11/2022
		FR	EPA	Grant	08/04/2003	03290867.5	19/11/2003	1362785	29/05/2005	1362785		08/04/2023
104284	EQUIPMENT WITH INTEGRATED CIRCUIT OF THERMIC SUBSTITUTION	FR	NP	Abandoned	16/05/2002	0206036	19/11/2003	1362785	29/05/2005	1362785		16/05/2023
		GB	EPA	Grant	08/04/2003	03290867.5	19/11/2003	1362785	29/05/2005	1362785		08/04/2023
		US	NP	Grant	06/05/2003	10/429727	21/09/2003	20030118844	02/11/2004	6813547		06/05/2023
104286	ATTITUDE ORBIT CONTROL SYSTEM	DE	NP	Abandoned	12/02/2003	10306005.7	21/09/2003	13366005				12/02/2023
		FR	NP	Grant	14/02/2002	0201846	15/08/2003	2835805	18/06/2004	2835805		14/02/2022
		US	NP	Grant	13/02/2003	10/365459	19/03/2004	20040050958	25/05/2004	6740854		13/02/2023
104286	ATTITUDE ORBIT CONTROL SYSTEM	EP	EPA	Publication of application	03/10/2003	03292442.5	28/04/2004	1413940				03/10/2023
		FR	NP	Grant	21/10/2002	0213052	23/04/2004	2846107	24/06/2005	2846107		21/10/2022
		US	NP	Publication of application	20/10/2003	10/687585	24/06/2004	20040122568				20/10/2023
104383	MODULAR ARCHITECTURE IN THERMAL SYSTEMS FOR SPACECRAFT	DE	EPA	Publication of application	26/09/2003	03292357.5	07/04/2004	1405790	24/05/2006	1405790		26/09/2023
		FR	EPA	Grant	26/09/2003	03292357.5	07/04/2004	1405790	24/05/2006	1405790		26/09/2023
		GB	EPA	Grant	03/10/2002	0212240	09/04/2004	2845351	22/07/2005	2845351		03/10/2022
104404	COOL FILTERS FOR SOLAR CELLS	FR	NP	Grant	26/09/2003	03292357.5	07/04/2004	1405790	24/05/2006	1405790		26/09/2023
		JP	NP	Publication of application	02/10/2003	2003-344436	17/06/2004	2004-168285				02/10/2023
		US	NP	Grant	02/10/2003	10/675117	30/09/2004	10/676117	07/11/2006	7131484		02/10/2023
104404	COOL FILTERS FOR SOLAR CELLS	EP	EPT	Publication of application	01/04/2003	03740544.6	16/10/2003	1497870				01/04/2023
		FR	NP	Grant	11/04/2002	0204528	17/10/2003	2838564	30/07/2004	2838564		11/04/2022
		JP	PCT	Publication of application	01/04/2003	2003582829	28/07/2005	2005-522865				01/04/2023
104404	COOL FILTERS FOR SOLAR CELLS	US	PCT	Publication of application	01/04/2003	10/510183	04/08/2005	20050166952				01/04/2023

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
104471	STRUCTURAL INSULATION	EP	EPA	Publication of application	01/04/2003	G3290815.4	12/11/2003	1361315				01/04/2023
		FR	NP	Grant	36/05/2002	02 05 634	07/11/2003	2 839 356	15/10/2004	2 839 356		06/05/2012
		US	NP	Grant	23/04/2003	10/420809			07/02/2006	7001656		23/04/2013
		CA	NP	Filing	30/03/2005	2500590						30/03/2015
104518	ANTENNE A REFLECTEUR BIBANDE A BORDURE DEFORMEE	EP	EPA	Publication of application	25/03/2005	05290679.9	05/10/2005	1583176				25/03/2015
		FR	NP	Grant	02/04/2004	0450662	07/10/2005	2868611	21/07/2006	2868611		
		US	NP	Publication of application	01/04/2005	11/095526	06/10/2005	20050219146				01/04/2015
104515	AMPLIFIER SYSTEM WITH OPTIMIZED AMPLIFYING LINES	EP	EPA	Abandoned	18/07/2003	03291787.4	28/01/2004	1385264			17/10/2006	
		FR	NP	Grant	22/07/2002	02 09 262	23/01/2004	2 842 674	25/02/2005	2842674		22/07/2012
		US	NP	Grant	21/07/2003	10/622711	09/07/2004	20040132404	21/03/2006	7016645		21/07/2013
104530	OBSERVATION SATELLITE WITH LASER DETECTOR OF ATMOSPHERIC PARAMETERS	FR	NP	Grant	31/12/2002	0216891	02/07/2004	2849428	06/01/2006	2849428		31/12/2012
		EP	EPA	Publication of application	11/07/2003	03291730.4	28/01/2004	1385315				11/07/2013
104534	IP/GSM DATA MULTIPLEXER	FR	NP	Grant	22/07/2002	02 09 263	23/01/2004	2 842 683	14/01/2005	02 09 263		22/07/2012
		US	NP	Publication of application	21/07/2003	10/622550	12/05/2005	2005-0100356				21/07/2013
104637	INSTRUMENT D'OBSERVATION A SYNTHESE D'OUVERTURE OPTIQUE A PUPLIES EN MOUVEMENT ET PROCEDE ASSOCIE	FR	NP	Grant	31/07/2003	0309420	04/02/2005	2858425	30/09/2005	2858425		31/07/2013
104774	MAXIMUM POWER POINT TRACKING METHOD AND CONDITIONING UNIT FOR GS	EP	EPA	Publication of application	09/09/2003	03292203.1	24/03/2004	1400886				09/09/2013
		FR	NP	Grant	19/09/2002	02 11 597	26/03/2004	2 844 890	14/01/2005	02 11 597		
		US	NP	Grant	18/09/2003	10/665917	27/01/2005	20050017597	16/01/2006	6984970		18/09/2013
104812	CCD LIDAR	EP	EPA	Publication of application	19/12/2003	03293234.5	28/07/2004	1441507				19/12/2013
		FR	NP	Grant	21/01/2003	03 03 600	23/07/2004	2 850 168	01/04/2005	2 850 168		21/01/2013
		US	NP	Grant	20/01/2004	10/759155	29/07/2004	2004-0145712	31/10/2006	7130028		20/01/2014
104816	GS PANEL WITH FLEXIBLE REFLECTOR	EP	EPA	Publication of application	30/09/2003	03292403.7	14/04/2004	1406557				30/09/2013
		FR	NP	Grant	10/10/2002	02 12 574	16/04/2004	2 845 822	24/06/2005	2845822		10/10/2012
		US	NP	Publication of application	09/10/2003	10/681218	30/09/2004	20040187906				09/10/2013
		CA	PCT	Filing	29/04/2004	2523843						29/04/2014
		CN	PCT	Publication of application	29/04/2004	230480011655.1	31/05/2006	1781215				29/04/2014
104834	BEAM DEVIATION ANTENNA	EP	EPA	Publication of application	29/04/2004	04291108.1	03/11/2004	1472799				29/04/2014
		FR	NP	Grant	30/04/2003	0305300	09/11/2004	2854503	15/12/2006	2854503		29/04/2014
		JP	PCT	Publication of application	29/04/2004	2006-505824	09/11/2006	2006-525709				29/04/2014
		US	NP	Publication of application	29/04/2004	10/554953	08/06/2006	20060119504				29/04/2014
		BE	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2013
		DE	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2013
		FR	NP	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2013
		FR	NP	Grant	29/10/2002	0213459	30/04/2004	2 846 267	26/08/2005	2846267		29/10/2012
104859	ARTICULATED ASSEMBLY COMPRISING TWO SOLAR PANELS WITH CARPENTER JOINT AS ARTICULATION BETWEEN THE TWO PANELS	FR	NP	Abandoned	01/08/2003	03 09 510					24/11/2004	
		GB	EPA	Grant	17/10/2003	03292587.7	06/05/2004	1415909	28/12/2005	1415909		17/10/2013
		JP	PCT	Publication of application	17/10/2003	2005501321	27/07/2006	2006-517487				17/10/2013
		US	PCT	Publication of application	17/10/2003	10/533075	09/03/2006	20060049317				17/10/2013
104861	COMBINAISON OPTIQUE POUR SATELLITE ASTROMETRIQUE	EP	EPA	Publication of application	17/11/2003	03292854.1	09/06/2004	1426730				17/11/2013
		FR	NP	Grant	06/12/2002	02 15 431	11/06/2004	2 848 295	01/04/2005	2 848 295		06/12/2012
		CA	NP	Publication of application	10/02/2004	2 456 689	25/10/2004	2 456 689				10/02/2014
104931	TEMPERATURE COMPENSATED CAVITY	EP	EPA	Publication of application	26/03/2004	04290816.0	27/10/2004	1471595				26/03/2014
		FR	NP	Grant	25/04/2003	0305096	29/10/2004	2 854 279	08/07/2005	2854279		25/04/2013
		US	NP	Grant	29/03/2004	10/810807			01/11/2005	5960969		29/03/2014
		EP	EPA	Publication of application	10/11/2003	03292808.7	26/05/2004	1422763				10/11/2013
104942	SOLAR CELL EQUIPED WITH ITS REFLECTORS	FR	NP	Grant	25/11/2002	02 14 732	28/05/2004	2 847 719	11/03/2005	2 847 719		
		US	NP	Publication of application	21/11/2003	10/717565	26/08/2004	10717565				21/11/2013
		DE	EPA	Grant	30/06/2004	04291659.3	05/01/2005	1494052	02/11/2005	1494052		30/06/2014
104948	MICROLITHIC TELESCOPE	FR	EPA	Grant	30/06/2004	04291659.3	05/01/2005	1494052	02/11/2005	1494052		30/06/2014
		FR	NP	Grant	04/07/2003	0308165	07/01/2005	2 857 106	30/09/2005	2857106		04/07/2013
		GB	EPA	Grant	30/06/2004	04291659.3	05/01/2005	1494052	02/11/2005	1494052		30/06/2014
		CA	NP	Filing	27/08/2004	2478882						27/08/2014
105005	DRO FILTER	EP	EPA	Abandoned	15/09/2004	04292217.9	20/04/2005	1524718			05/10/2006	
		FR	NP	Grant	14/10/2003	0311971	15/04/2005	2860926	27/01/2006	2860926		14/10/2013
		US	NP	Abandoned	27/09/2004	10/949189	14/04/2005	20050072983			27/07/2006	
105023	FLEXIBLE CHANNEL AMPLIFIERS FOR SATELLITE	EP	EPA	Publication of application	30/06/2004	04291660.1	19/01/2005	1499013				30/06/2014
		FR	NP	Grant	11/07/2003	03 08 522	14/01/2005	2 857 524	23/09/2005	2857524		11/07/2013
		US	NP	Publication of application	09/07/2004	10/886611	13/10/2005	20050227617				09/07/2014
105030	CONTROLE THERMIQUE CHARGE UTILE UTILISANT DES TUBES BI-CONDUCTIFS	EP	EPA	Publication of application	05/07/2004	04291703.9	12/01/2005	1495964				05/07/2014
		FR	NP	Grant	11/07/2003	0308570	14/01/2005	2857331	02/12/2005	2857331		11/07/2013
		US	NP	Grant	08/07/2004	10/885604	14/04/2005	20050072432	23/05/2006	7048233		08/07/2014

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
105051	TELESCOPE WITH SKY MAPPER	EP	EPA	Publication of application	19/12/2003	03293233.7	11/09/2004	1445578				19/12/2023
		FR	NP	Grant	31/01/2003	03 01 104	06/09/2004	2 850 791	29/04/2005	0301104		31/01/2023
		US	NP	Grant	30/01/2004	10/766824			19/11/2005	6963471		30/01/2024
105108	VIRTUAL ETHERNET BUS	EP	EPA	Publication of application	16/04/2004	04291019.0	02/09/2004					15/04/2024
		FR	NP	Grant	30/04/2003	0305301	05/11/2004	2854522	30/09/2005	2854522		30/04/2023
		US	NP	Publication of application	29/04/2004	10/834023	20/01/2005	20050013262				29/04/2024
105116	ARCHITECTURE OPTIQUE DE TELESCOPE GRAND CHAMP ET EN PARTICULIER POUR L'OBSERVATION ASTRONOMIQUE A PARTIR D'UN SATELLITE	EP	EPA	Refused	03/11/2003	03292745.1	11/08/2004	1445636				07/02/2023
		FR	NP	Grant	07/02/2003	0301446	13/08/2004	2 851 054	24/06/2005	2851054		05/07/2024
		CN	PCT	Publication of application	05/07/2004	200480022208.8	13/09/2006	1833359				05/07/2024
105136	HIGH POWER SSPA	EP	EPT	Publication of application	05/07/2004	04767583.0	03/05/2006	1652293				05/07/2024
		FR	NP	Grant	31/07/2003	0309421	04/02/2005	2858492	09/09/2006	2858492		05/07/2024
		JP	PCT	Publication of application	05/07/2004	2006-521608	18/01/2007	2007-500961				05/07/2024
105141	MOVEABLE STACKING TIE-ROD	US	PCT	Publication of application	05/07/2004	10/566397	31/08/2006	20060192615				05/07/2024
		DE	EPA	Grant	15/07/2004	04291815.1	26/01/2005	1500590	26/06/2006	1500590		15/07/2024
		FR	EPA	Grant	15/07/2004	04291815.1	26/01/2005	1500590	26/06/2006	1500590		15/07/2024
105147	SEQUENCE DEVICE FOR SIDE PANELS	FR	NP	Grant	22/07/2003	0308903	28/01/2005	2857936	30/09/2005	2857936		22/07/2023
		GB	EPA	Grant	15/07/2004	04291815.1	26/01/2005	1500590	26/06/2006	1500590		15/07/2024
		JP	NP	Publication of application	15/07/2004	2004-209496	17/02/2005	200541477				16/07/2024
105148	LOW FRICTION MAGNETIC BEARING	US	NP	Publication of application	21/07/2004	10/895337	10/03/2005	20050050841				21/07/2024
		EP	EPA	Publication of application	20/12/2004	04293064.4	29/06/2005	1547923				20/12/2024
		FR	NP	Grant	23/12/2003	0315224	24/06/2005	2864033	19/01/2007	0315224		23/12/2023
105149	TURNING COLLECTOR	JP	NP	Filing	22/12/2004	2004370528						22/12/2024
		US	NP	Publication of application	21/12/2004	11/017099	21/07/2005	20050156083				21/12/2024
		FR	NP	Grant	01/12/2003	0314174	03/06/2005	2865023	19/01/2007	0314174		01/12/2023
105227	NON-RECIPROCAL SUB-ARRAY FOR REFLECTOR ANTENNA PARTICULARLY FOR OBSERVATION SATELLITE : CA:ENS:EP:ASTRIUM, ALIENA:US : BOIENG, LOCKHEED MARTIN	EP	EPA	Publication of application	21/06/2004	04291564.5	05/01/2005	1494323				21/06/2024
		FR	NP	Grant	01/07/2003	0307942	07/01/2005	2857169	24/02/2006	2857169		01/07/2023
		US	NP	Publication of application	30/06/2004	10/879209	06/01/2005	20050000084				30/06/2024
105230	USE OF CONTACT BANDS FOR RF SHIELDING OF A MCM HYBRID	CA	NP	Publication of application	22/09/2004	2480568	23/03/2005	2480588				22/09/2024
		EP	EPA	Publication of application	21/09/2004	04292265.8	30/03/2005	1519444				21/09/2024
		FR	NP	Grant	23/09/2003	0311109	25/03/2005	2860107	13/01/2006	2860107		23/09/2023
105257	USE OF LO SIGNALS AND PHOTONIC MATRIX FOR CROSS-CONNECTION UP-LINK/DOWN-LINK CHANNELS	US	NP	Grant	22/09/2004	10/946333	09/06/2005	20050122273	28/11/2006	7142164		22/09/2024
		CA	NP	Publication of application	05/07/2004	2 472 900	18/01/2005	2 472 900				05/07/2024
		EP	EPA	Publication of application	07/07/2004	04291722.9	19/01/2005	1498950				07/07/2024
105352	USE OF LO SIGNALS AND PHOTONIC MATRIX FOR CROSS-CONNECTION UP-LINK/DOWN-LINK CHANNELS	FR	NP	Publication of application	18/07/2003	03 08 773	21/01/2005	2 857 819				18/07/2023
		JP	NP	Publication of application	09/07/2004	2004-202720	12/05/2005	2005-123572				09/07/2024
		US	NP	Grant	16/07/2004	10/893440	20/01/2005	20050012574	20/02/2007	7180393		16/07/2024
105353	CONCEPTION D'UN CORRECTEUR DE VISEE PASSIF POUR UN LIDAR BITSTATIQUE	EP	EPA	Publication of application	02/11/2004	04292593.3	22/06/2005	1545032				02/11/2024
		FR	NP	Grant	19/12/2003	0314983	24/06/2005	2864385	03/03/2006	2864385		19/12/2023
		FR	NP	Publication of application	01/12/2004	04292856.4	15/06/2005	1542037				01/12/2024
105353	CONNEXIONS OF CELLS IN THE CORNERS	FR	NP	Grant	09/12/2003	0314380	10/06/2005	2863365	24/03/2006	2863365		09/12/2023
		EP	EPA	Publication of application	13/12/2004	04292972.9	29/06/2005	1548847				13/12/2024
		FR	NP	Grant	23/12/2003	0315227	24/06/2005	2864346	03/03/2006	2864346		23/12/2023
105356	COMPACT MULTIPOLARISATION RADIATING DEVICE WITH ORTHOGONAL FEEDING	FR	NP	Grant	02/02/2004	0450181	24/06/2005	2864347	03/03/2006	2864347		02/02/2024
		JP	NP	Publication of application	15/12/2004	2004362285	28/07/2005	2005-200006				15/12/2024
		US	NP	Publication of application	16/09/2004	10/941831	23/06/2005	20050133079				16/09/2024
105356	FREQUENCY FURTHER IMAGES ACQUIRED BY AN ACQUISITION DEVICE	EP	EPA	Publication of application	07/02/2005	05290270.7	14/12/2005	1605546				07/02/2025
		FR	NP	Grant	17/02/2004	0450284	19/09/2005	2866480	28/07/2006	2866480		17/02/2024
		US	NP	Publication of application	16/02/2005	11/058285	18/08/2005	20050179598				16/02/2025
105458	ARTICULATION A PISTES FLEXIBLES A FROTTEMENT REDUIT	EP	EPA	Publication of application	06/12/2004	04292895.2	22/06/2005	1544667				06/12/2024
		FR	NP	Grant	15/12/2003	0314753	17/06/2005	2863735	03/03/2006	2863735		15/12/2023
		FR	NP	Filing	23/06/2006	0605653						23/06/2026



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105542	ELECTROMAGNETIC FORMATION FLYING	EP	EPA	Publication of application	05/03/2005	05250533.8	05/10/2005	1582461				09/03/2025
		FR	NP	Publication of application	02/04/2004	0450663	07/10/2005	2668394				02/04/2024
		US	NP	Publication of application	01/04/2005	11/095504	10/11/2005	20050248491				01/04/2025
105545	MICROWAVE FILTER WITH EXTRACTED POLES	EP	EPA	Publication of application	08/12/2003	03293113.1	08/06/2005	1538692				08/12/2023
		EP	EPA	Publication of application	23/03/2005	05290642.7	28/09/2005	1580844				23/03/2025
105563	DEPHASOR CELL WITH LINEAR POLARISATION	FR	NP	Grant	23/03/2004	0450575	30/09/2005	2868216	21/07/2006	2868215		23/03/2024
		US	NP	Publication of application	23/03/2005	11/086304	29/09/2005	20050212705				23/03/2025
105572	HERMETIC ENCAPSULATION	FR	NP	Grant	18/05/2004	0450973	25/11/2005	2870638	18/08/2006	2870638		18/05/2024
		WO	PCT	Abandoned	16/05/2005	PCT/FR2005/050328	01/12/2005	WO2005/11472			04/10/2006	
		CA	NP	Filing	14/10/2005	2523371		1				14/10/2025
105614	THERMAL COMPENSATION OF A RESONANT CAVITY	CN	NP	Publication of application	02/11/2005	2005101171.91.0	02/08/2006	1812188				02/11/2025
		EP	EPA	Publication of application	04/11/2005	05110380.2	10/05/2006	1655802				04/11/2025
		FR	NP	Grant	09/11/2004	0452568	12/05/2006	2877773	04/05/2007	2877773		
		US	NP	Publication of application	08/11/2005	11/268621	11/05/2006	20060097627				08/11/2025
105616	HEXA-PODE DEPLOYABLE POUR TELESCOPE SPATIAL AGILE	EP	EPA	Publication of application	28/12/2004	04293150.1	05/07/2006	1676776				28/12/2024
		WO	PCT	Filing	22/12/2005	PCT/FR2005/051122						22/07/2008
105619	DEVICE FOR GENERATING A FORCE AND A TORQUE IN ORDER TO POSITION A BODY	EP	EPT	Publication of application	25/04/2005	05747091.6	14/02/2007	1751638				25/04/2025
		FR	NP	Grant	18/05/2004	0450578	25/11/2005	2870609	18/08/2006	2870609		18/05/2024
		WO	PCT	Publication of application	25/04/2005	PCT/FR05/050275	01/12/2005	WO2005/11333				25/11/2007
		US	PCT	Filing	25/04/2005	11/569314		7				25/04/2025
105726	INSTRUMENT FOR VARIABLE OBSERVATION AND/OR RESOLUTION	CN	NP	Publication of application	31/08/2005	200510097936.1	08/03/2006	1743871				31/08/2025
		EP	EPA	Publication of application	19/08/2005	05107653.7	01/03/2006	1630589				19/08/2025
		FR	NP	Grant	31/08/2004	0451939	03/03/2006	2874708	19/01/2007	0451939		31/08/2024
		US	NP	Publication of application	30/08/2005	11/213725	23/03/2006	20060060763				30/08/2025
105727	SYSTEME DE CONTROLE PAR VOLLE SOLAIRE BASEE SUR EMISSIVITE VARIABLE POUR SATELLITES EN VOL EN FORMATION	EP	EPA	Publication of application	31/12/2004	04293179.0	05/07/2006	1676777				31/12/2024
		US	NP	Publication of application	29/12/2005	11/319527	02/11/2006	20060243863				29/12/2025
		CN	NP	Publication of application	20/09/2005	200510103379.X	29/03/2006	1752794				20/09/2025
105730	MIRROR WITH LOCAL DEFORMATION BY WIDTH VARIATION OF AN ELECTRO-ACTIVE MATERIAL CONTROLLED BY ELECTRICAL FIELD	EP	EPA	Publication of application	20/09/2005	05108640.3	22/03/2006	1637914				20/09/2025
		FR	NP	Grant	20/09/2004	0452092	24/03/2006	2875607	24/11/2006	2875607		19/09/2025
		US	NP	Filing	19/09/2005	11/228335						03/01/2026
105731	ERGODUC	FR	NP	Filing	03/01/2006	0659001						29/07/2009
105734	SYSTEME DE MAINTIEN DU CADRE D'INTERFACE D'UN SATELLITE PENDANT LES ESSAIS MECANIQUES SINUS	WO	PCT	Filing	29/12/2006	PCT/FR2006/051440	16/06/2008	2879155	23/02/2007	2879165		14/12/2025
		NL	NP	Grant	14/12/2005	0452976			14/09/2006	1030672		
		FR	NP	Filing	03/01/2006	0659016						
105735	INTELLIGENT FIXATION ORGANS	WO	PCT	Filing	29/12/2006	PCT/FR2006/0514441						29/07/2009
		EP	EPT	Filing	21/07/2005	PCT/FR2005/050602						21/07/2025
105737	ANTENNA WITH CHARGER FOR COMMUTING SUB-REFLECTARRAYS	FR	NP	Grant	31/08/2004	0451940	03/03/2006	2874749	24/11/2006	2874749		31/08/2024
		US	PCT	Filing	21/07/2005	11/574391						21/07/2025
		WO	PCT	Publication of application	21/07/2005	PCT/FR2005/050602	16/03/2006	WO2006/02750				21/02/2008
		CN	NP	Publication of application	22/12/2005	200510132265.6	05/07/2006	1797789				22/12/2025
105823	COATING FOR PREVENTION OF ELECTROSTATIC DISCHARGE WITHIN AN EQUIPMENT IN A SPATIAL ENVIRONMENT	EP	EPA	Publication of application	22/12/2004	04293101.4	28/06/2006	1675187				22/12/2024
		US	NP	Publication of application	21/12/2005	11/312564	03/08/2006	20050169844				21/12/2025
		WO	PCT	Publication of application	14/12/2005	PCT/EP2005/056785	29/06/2006	WO				14/07/2008
105832		FR	NP	Publication of application	20/12/2004	0453097	29/06/2006	2879761				
		FR	NP	Publication of application	21/06/2005	0551683	22/12/2006	2887383				21/06/2025
105834	SYSTEME DE COMMUNICATION PAR SATELLITES A DIVERSITE DE STATION EN EMISSION	WO	PCT	Publication of application	15/06/2006	PCT/FR2006/050564	28/12/2006	WO2006/13674				15/01/2009
		CA	NP	Filing	10/11/2005	2525766		6				10/11/2025
		CN	NP	Publication of application	25/11/2005	200510123387.0	07/06/2006	1783759				25/11/2025
105856	GENERALIZED MULTIPLEXING NETWORK	EP	EPA	Publication of application	25/11/2004	04292797.0	31/05/2006	1662603				26/11/2024
		JP	NP	Publication of application	24/11/2005	2005-338167	15/06/2006	2006-157907				24/11/2025
		US	NP	Publication of application	22/11/2005	11/283773	01/06/2006	20060114082				22/11/2025
105941	SYSTEME DE SYNCHRONISATION DE TRANSFERT CONTINU & REVERSIBLE POUR GENERATEURS SOLAIRES	FR	NP	Filing	12/06/2006	0652090						

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105964	ARCHITECTURE ELECTRIQUE POUR GENERATEUR SOLAIRE, REDUISANT LE RISQUE ESD AVEC CELLULES GAS	EP	EPA	Publication of application	23/03/2006	0611.1637.2	27/09/2006	1705718				23/03/2026
		FR	NP	Publication of application	24/03/2005	0550768	29/09/2006	2883662				24/03/2025
105969	DISPOSITIF DE FOURNITURE D'ENERGIE PHOTOVOLTAIQUE POUR MISSION PERT SOLAIRES d'it SOLAR GLASS	US	NP	Publication of application	24/03/2006	11/387731	12/10/2006	2006025779				24/03/2026
105970	MECANISME DE ROTATION DEUX AXES A INTERFACE MOTEURS COMMUNE	FR	NP	Filing	02/12/2005	0553698						02/12/2025
		WO	PCT	Filing	13/12/2006	PCT/FR2006/051270						01/07/2009
		FR	NP	Filing	13/07/2006	0652556						
105985	ANTENNE A FORTE CAPACITE DE RECONFIGURABILITE	FR	NP	Publication of application	13/07/2005	0552175	19/01/2007	2888674				13/07/2025
		WO	PCT	Publication of application	11/07/2006	PCT/FR06/050708	18/01/2007	WO2007/007011				11/02/2009
106038	SYSTEME SATELLITAIRE SEMI-TRANSPARENT POUR APPLICATIONS MULTIMEDIA MAILLEES	FR	NP	Publication of application	23/09/2005	0552835	30/03/2007	2891420				23/09/2025
		WO	PCT	Filing	22/09/2006	PCT/FR2006/050927						22/04/2009
106060	SYSTEME DYNAMIQUE DE REUTILISATION DES FREQUENCES POUR SATELLITES DE TELECOMMUNICATIONS	FR	NP	Publication of application	23/09/2005	0552836	30/03/2007	2891421				22/04/2009
		WO	PCT	Filing	28/11/2005	PCT/FR2006/050931						27/06/2009
106064	RESEAU MULTI-FAISCEAUX AUTO-REDONDANT A MAILLE FORTEMENT IRRGULIERE	FR	NP	Filing	27/11/2006	0553623						
		WO	PCT	Filing	27/11/2006	PCT/FR2006/051232						23/09/2025
106065	SATELLITE CDMA SINGLE CELL MULTIBEAM TRANSMISSION	FR	NP	Publication of application	23/09/2005	0552837	30/03/2007	2891423				23/09/2025
		WO	PCT	Filing	22/09/2006	PCT/FR2006/050932						22/04/2009
106069	DEPLOIEMENT D'UNE FORMATION DE SATELLITES PAR CONTROLE PARTAGE BORD/SOL	EP	EPA	Filing	23/03/2006	06300275.2						23/03/2026
106070	DISPOSITIF DE STABILISATION THERMIQUE D'UN MIROIR PRIMAIRE POUR UN INSTRUMENT OPTIQUE	FR	NP	Filing	28/11/2005	0553620						28/11/2023
		WO	PCT	Filing	27/11/2006	PCT/FR2006/051234						27/06/2009
106071	MIROIR DEPLOYABLE DE TYPE ORBIFORME	FR	NP	Publication of application	05/09/2005	0552668	10/01/2007	2890454				05/09/2025
106075	ECLATEUR ET MONITEUR D'ARC POUR GS (ARC COLLECTOR AND MONITOR FOR SOLAR ARRAY)	WO	PCT	Filing	05/09/2006	PCT/FR2006/050842						05/04/2009
		FR	NP	Filing	23/01/2006	0650212						20/01/2026
		WO	PCT	Filing	09/01/2007	PCT/FR2007/050628						09/08/2009
106174	SYSTEMES RF DE TYPE DIA / (J)CAMP, DeCon, ETC A COMMUTATION DE MODE FG ALC SANS REBOND	FR	NP	Filing	21/04/2006	06514C5						
106175	FILTRE A CROIX	FR	NP	Filing	02/06/2006	0652011						
106212	DETERMINATION FINE PAR SENSEUR 3F DE LA POSITION RELATIVE D'UNE FORMATION	EP	EPA	Filing	19/01/2006	06300040.0						19/01/2026
106213	STRATEGIE D'ANTI-COLLISION A CONFIGURATION MINIMALE DU SENSEUR RF	WO	PCT	Filing	13/01/2007	PCT/EP2007/050532						19/08/2009
		EP	EPA	Filing	13/01/2006	06300041.8						19/01/2026
		WO	PCT	Filing	13/01/2007	PCT/EP2007/050552						19/08/2009
106216	FIXATION D'UN MIROIR EN ZERCDUR PAR SYSTEME MECANO-THERMOELASTIQUE POUR UTILISATION A TEMPERATURE CRYOGENIQUE	FR	NP	Filing	25/07/2006	0653102						
106217	PROCEDE DE STOCKAGE UTILISANT DES PANNEAUX MODULABLES RIGIDES	FR	NP	Filing	27/06/2006	0652669						
106218	MACHINE FRIGORIFIQUE COMME MOYEN DE CONTROLE THERMIQUE D'UN SATELLITE DE TELECOMMUNICATION	FR	NP	Filing	26/02/2007	0753500						
106219	REALISATION DE PANNEAU A CALODUCS INTEGRES SANS BROCHAGE	FR	NP	Filing	25/01/2006	0650255						
106222	ELEMENT RAYONNANT CONSTITUE DE CAVITES RESONANTES A FORT RENDEMENT DE SURFACES	WO	PCT	Filing	25/01/2007	PCT/FR2007/050691						25/08/2009
106257	SOLAR ACS & PROPULSION WITH SINGLE ACTUATOR	FR	NP	Filing	12/05/2006	0651717						12/05/2026
106261	PRINCIPE DE CAMERA A ROTATION SOLAIRE	FR	NP	Filing	03/07/2006	0652770						
106291	HIGH PERFORMANCE WIDE BAND PREDISTORTION LINEARIZER	FR	NP	Filing	27/06/2006	0652663						
106396	UTILISATION D'UN SYSTEME DE METROLOGIE PERMETTANT DE CONNAITRE LE POSITIONNEMENT (LATERAL ET LONGITUDINAL)	FR	NP	Filing	28/12/2006	0655991						28/12/2026
106399	COUPLEUR 3F EN GUIDE D'ONDE EN DEUX PARTIES	FR	NP	Filing	27/06/2006	0652673						
106402	SYSTEME DE GUIDAGE A FORTE CAPACITE DE DUREE DE VIE, POUR DEPLOIEMENT ET POINTAGE FIN.	FR	NP	Filing	29/06/2006	0652698						
106403	REDUCTEUR VARIABLE A FORTE CAPACITE DE DUREE DE VIE POUR MECANISMES SPATIAUX	FR	NP	Filing	27/06/2006	0652667						
106405	AN INTERFEROMETER	FR	NP	Filing	05/07/2006	0652805						14/03/2027
106465	DISPOSITIF DE TRANSDUCTION ORTHONODE A COMPACTITE OPTIMISEE DANS LE PLAN DE MAILLE, POUR UNE ANTENNE	EP	EPA	Filing	14/03/2007	07300862.2						
106551	PIVOT FLEXIBLE TRAVERSANT A FORTE CAPACITE DE TENUE ET DUREE DE VIE	FR	NP	Filing	28/07/2006	0653180						28/07/2026
		FR	NP	Filing	27/02/2007	0753521						
		DE	EPA	Grant	08/06/2008	00401631.7	10/01/2001	1057672	01/12/2004	1067672		08/06/2020
		FR	EPA	Grant	08/06/2008	00401631.7	10/01/2001	1057672	01/12/2004	1067672		08/06/2020
		FR	NP	Abandoned	01/07/1999	99 08 458	05/01/2001	2 795 887	05/10/2001	2 795 887	19/10/2005	
111301	DIELECTRIC RESONATOR OSCILLATOR	GB	EPA	Grant	08/06/2000	00401631.7	10/01/2001	1057672	01/12/2004	1067672		08/06/2020
		JP	NP	Publication of application	30/06/2000	2000-198 131	16/02/2001	2001-44 755				30/06/2020
		US	NP	Publication of Grant	22/06/2000	09/599441			02/10/2001	6297707		22/06/2020
		EP	EPA	Publication of application	15/07/2003	03291745.2	11/02/2004	1388774	02/10/2001	6297707		15/07/2023
120698	POWER CONDITIONING UNIT FOR SOLAR GENERATOR TO MPP	FR	NP	Grant	09/08/2002	0210140	13/02/2004	2843464	08/09/2006	2843464		09/08/2022
		JP	NP	Publication of application	07/08/2003	2003-288424	11/03/2004	200476950				07/08/2023
		US	NP	Grant	29/07/2003	10/628409	01/07/2004	2004-012-4815	19/07/2005	6919714		29/07/2023
		DE	EPA	Grant	11/06/2003	03291361.6	15/12/2004	1486845	31/05/2006	1486845		11/06/2023
120838	PHASE ADVANCE FOR LARGE SOLAR ARRAY CAPACITANCE.	FR	EPA	Grant	11/06/2003	03291361.6	15/12/2004	1486845	31/05/2006	1486845		11/06/2023
		GB	EPA	Grant	11/06/2003	03291361.6	15/12/2004	1486845	31/05/2006	1486845		11/06/2023

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
123839	NETWORK ARCHITECTURE FOR SPACECRAFT POWER CONDITIONING	US	NP	Grant	08/06/2004	10/862460	16/12/2004	20040251885	27/12/2005	697986		08/06/2024
		CN	NP	Publication of application	17/05/2004	200410034793.5	18/02/2005	1572555				17/05/2024
		DE	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		ES	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		FR	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
120841	BUS FAILURE PROOF	GB	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		NL	EPA	Grant	28/05/2003	03291280.0	01/12/2004	1481898	09/08/2006	1481898		28/05/2023
		EP	EPA	Publication of application	01/12/2003	03293006.7	08/06/2005	1538723				01/12/2023
		FR	NP	Filing	03/01/2006	0650018						03/01/2026
		CN	NP	Publication of application	21/06/2006	200610093106.6	27/12/2006	1885565				21/06/2026
121043	MODULAR POWER CONDITIONING UNIT WITH DECENTRALISED BUS CAPACITANCE	EP	EPA	Publication of application	22/06/2005	05291343.1	27/12/2006	1736409				22/06/2025
		US	NP	Publication of application	19/06/2006	11/455179	28/12/2006	20060289964				19/06/2026
122082	AUTO-SYNCHRO DC/DC CONVERTER	EP	EPA	Publication of application	19/03/1998	98400651.3	22/09/1999	0944162				19/03/2018
		JP	NP	Abandoned	16/03/1999	63847/59	28/04/2000	2000-125550			13/02/2006	
		US	NP	Grant	17/03/1999	09/270511			31/10/2000	6141225		17/03/2019
		CA	NP	Abandoned	22/12/1999	2 232 940					19/11/2004	
		EP	EPA	Publication of application	09/12/1999	99403089.8	05/07/2000	1017122				09/12/2019
129113	EQUALIZER WITH INTERNAL AMPLITUDE CORRECTION	ES	NP	Abandoned	28/12/1998	P 98 02 694					04/01/2000	
		US	NP	Grant	21/12/1999	09/468346			26/02/2002	6351193		21/12/2019
		CA	NP	Filing	16/03/2001	2341341						16/03/2021
		EP	EPA	Publication of application	08/03/2001	014006031.5	19/09/2001	1134927				08/03/2021
		ES	NP	Abandoned	17/03/2001	P 2000 00 649					13/02/2002	
129168	MAPPING UPLINK CHANNELS INTO A CONVOLUTIONAL ENCODED TDM DOWNLINK	JP	NP	Publication of application	12/03/2001	2001-68 724	16/11/2001	2001-320 779				12/03/2021
		US	NP	Grant	16/03/2001	09/809138	25/10/2001	20010033578	09/11/2004	6816501	01/10/2004	15/03/2021
		CA	NP	Abandoned	28/12/2001	2 366 233	29/08/2002	2 366 233				
		EP	EPA	Publication of application	17/12/2001	01403270.0	03/07/2002	1220351				17/12/2021
		ES	NP	Abandoned	29/12/2000	P 2000 03 144	16/08/2002	2002-232 203	22/07/2003	6597264	29/01/2002	26/12/2021
129212	A HIGH PERFORMANCE MICROWAVE FILTER OF MODERATE OR LARGE BANDWIDTH	JP	NP	Abandoned	26/12/2001	2001-594 156	09/08/2002	20020105394				
		US	NP	Grant	26/12/2001	10/025686	09/08/2002	20020105394				
		CA	NP	Publication of application	08/07/2003	2 434 614	29/01/2004	2 434 614				
		DE	EPA	Grant	29/07/2002	02291913.8	21/04/2004	1411582	09/03/2006	1411582		09/07/2023
		FR	EPA	Grant	29/07/2002	02291913.8	21/04/2004	1411582	09/03/2006	1411582		29/07/2022
129255	MULTI CAVITY SINGLE MODE DIELECTRIC RESONATOR FILTER	GB	EPA	Grant	29/07/2002	02291913.8	21/04/2004	1411582	09/03/2006	1411582		29/07/2022
		JP	NP	Publication of application	11/07/2003	2003-273425	30/06/2005	2005-175516				
		US	NP	Grant	28/07/2003	10/627771	24/03/2004	20040055737	05/08/2005	6827652		11/07/2023
		CA	NP	Publication of application	24/03/2004	2 462 330	04/10/2004	2 462 330				24/03/2024
		EP	EPA	Publication of application	04/04/2003	03290841.0	06/10/2004	1465283				04/04/2023
129261	DIELECTRIC RESONATOR FILTER WITH HIGH- POWER COUPLING MECHANISM	US	NP	Grant	02/04/2004	10/815719	18/11/2004		01/08/2006	7084719		02/04/2024
		CA	NP	Publication of application	13/07/2004	2473826	22/02/2005	2473826				13/07/2024
		EP	EPA	Publication of application	22/08/2003	03292072.0	23/02/2005	1508935				22/08/2023
		US	NP	Publication of application	20/08/2004	10/921835	24/02/2005	20050040913				20/08/2024
		AL	PCT	Grant	08/02/1996	52662/96			05/11/1998	692383		08/02/2016
137306	FREQUENCY HOPPED RETURN LINK WITH NET ENTRY CHANNEL FOR A SATELLITE PERSONAL COMMUNICATIONS SYSTEM	CA	PCT	Filing	08/02/1996	2 210 970						08/02/2016
		EP	EPT	Filing	08/02/1996	969 9483.8						08/02/2016
		JP	PCT	Publication of application	08/02/1996	524421/96	17/09/2001		13/07/2001	3209751		08/02/2016
		KR	PCT	Grant	08/02/1996	705167/1997			18/09/2002	354957		08/02/2016
		US	NP	Grant	08/02/1996	08/38-537			10/06/1997	5638361		08/02/2015
137331	FLUX DENSITY REDUCTION IN OCDMA SATELLITE COMMUNICATION SYSTEM	WO	PCT	Filing	08/02/1996	PC7/US96/01715						08/09/1998
		CN	PCT	Abandoned	18/03/1999	9588640.4					16/02/2006	
		EP	EPT	Filing	19/03/1999	95933473.3						18/05/2019
		JP	PCT	Publication of application	19/05/1999	2000-550291	04/06/2002	2002-515548				18/05/2019
		WO	PCT	Publication of application	19/05/1999	PCT/US99/10905	25/11/1999	WO9960806				18/12/2001
800042	MISE EN PARALLELE LARGE BANDE D'AMPLIFICATEURS DE PUISSANCE	US	NP	Grant	13/05/1998	09/080952						19/05/2018
		FR	NP	Filing	13/08/2006	0653344			13/06/2000	6075781		10/08/2026
800289	SOLAR ARRAY CIRCUIT	FR	NP	Filing	27/12/2006	0655975						27/12/2026
		FR	NP	Filing	27/03/2007	0754049						27/03/2027
800674	DISPOSITIF UNIQUE DE DEPLOIEMENT ET REFLOIEMENT D'APPENDICES SPATIAUX	FR	NP	Filing								



04/04/2007

SSD RELATED BUSINESS PATENTS

Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
93949		CA	NP	Abandoned	03/03/1994	2116890					01/10/2003	
		EPA	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614136		04/03/2013
		FR	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614136		04/03/2013
		GB	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614136		04/03/2013
		IT	EPA	Grant	04/03/1993	93103445.2			07/07/1999	614136		04/03/2013
		JP	NP	Publication of application	04/03/1994	34353/94	02/03/2004	3502145	12/12/2003	3502145		04/03/2014
		US	NP	Grant	04/03/1994	206061			22/08/1995	5444358	11/09/2002	04/03/2014
		CA	NP	Abandoned	28/09/1995	2 159 473						
		DE	EPA	Grant	09/09/1995	95 114 185.2	03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		ES	NP	Grant	29/09/1994	P 94 02 057	16/11/1997	2107340	01/07/1998	2 107 340		29/09/2014
94771	DIGITAL DEMODULATOR WITH FREQUENCY CORRECTION	ES	NP	Abandoned	20/10/1975	441928					11/11/1911	
		FR	EPA	Grant	09/09/1995	95 114 185.2	03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		GB	EPA	Grant	09/09/1995	95 114 185.2	03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		IT	EPA	National granting number	09/09/1995	95 114 185.2	03/04/1996	0 705 011	08/08/2001	0 705 011		09/09/2015
		AU	NP	Abandoned	19/12/1996	75485/96					13/07/2001	
94853	DUAL-MODE CAVITY FILTER	CA	NP	Grant	27/12/1996	2 194 077	30/06/1997	2 194 077	02/11/2004	2194077		27/12/2016
		DE	EPA	Grant	20/12/1996	96 402 844.3	02/07/1997	0 782 211	01/10/2003	0 782 211		20/12/2016
		ES	NP	Abandoned	29/12/1995	P 95 02 560	01/01/1988	2 105 184	03/06/1998	2 109 184	22/05/2003	
		GB	EPA	Grant	20/12/1996	96 402 844.3	02/07/1997	0 782 211	01/10/2003	0 782 211		20/12/2016
		JP	NP	Abandoned	26/12/1996	1996-348396	31/10/1987	28401097			05/11/2003	
		US	NP	Grant	18/12/1996	08/759614			11/08/1998	5793271		18/12/2016

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Folio	Title	Country	Type	Current Status	Filing Date	Filing No.	Publication Date	Publication No.	Grant Date	Patent No.	Abandon Date	Expiration Date
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ADDITIONAL INFORMATION : Confidential Défense												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
106058	GEOLOCALISATION	FR	NP	Filing	30/08/05	0552598						

PROSECUTION CHARGE : Compagnie Financière Alcatel (cf. coownership agreement hereafter)												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
104818	3IP ANTENNA WITH INTERLACED BEAMING APERTURES	EP	EPA	Publication of application	11/07/03	03291727.0	04/02/04	1387437				11/07/23
		FR	NP	Grant	31/07/02	0209740	06/02/04	2843238	21/07/06	2843238		31/07/22
		JP	NP	Publication of application	30/07/03	2003-282376	30/04/04	2004-135284				30/07/23
		US	NP	Grant	28/07/03	10/627772	05/02/04	20040021607	09/08/05	6927729		28/07/23

PROSECUTION CHARGE : CNES (cf. coownership agreement hereafter)												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
CNES	EARTH COMMUNICATIONS GEOSTATIONARY SATELLITE MULTIPLE BEAM ANTENNA HAVING FOCAL POINT RADIATION PATTERN AND PHOTONIC BAND GAP MATERIAL OUTER SURFACE WITH PERIODICITY DEFAULT PROVIDING NARROW PASS BAND	FR	NP	Grant	31/07/03	0309472	12/11/04	2854734	21/07/06	2854734		31/07/23
		EP	EPA	Grant	23/10/03	3778445	31/08/05	1568104	13/09/06	1568104		23/10/23
		US	PCT	Publication of application	23/10/03	532655	15/06/06	2006125713				23/10/03
		JP	PCT	Publication of application	23/10/03	2005-501823	02/02/06	2006-504373				23/10/23

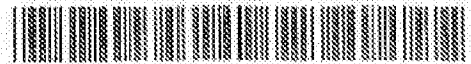
ADDITIONAL INFORMATION : cf. license agreement with DGA hereafter												
Folio	Title	Country	Type of protection	Current Status	Filing Date	Filing Number	Publication Date	Publication Number	Grant Date	Grant Number	Abandon Date	Expiration Date
103669	TUBE-PLATE COMPOSITE STRUCTURE	EP	EPA	Publication of application	02/05/02	02291102.8	27/11/02	1250293				02/05/22
		FR	NP	Grant	25/05/01	01 06 882	29/11/02	2 825 041	29/08/03	2 825 041		25/05/21
		US	NP	Grant	24/05/02	10/153810	28/11/02	20020174969	22/07/03	6595264		24/05/22

SSD RELATED BUSINESS INVENTION DISCLOSURE

Docket	Open date	Filing decision	Inventors	Title
105965	28/02/2005	YES	PAIN Thierry	CONCEPTION D'UN SPECTROMETRE A DEUX OU PLUSIEURS FENTES
106214	03/11/2005	YES	CONVOLUTION OPTO-MECANIQUE	BLANC Philippe
106220	03/11/2005	_____	VIEILLLOT Jacques	DISPOSITIF DE CONNEXION / DE-CONNEXION DU LIEN THERMIQUE ENTRE LE DOIGT FROID D'UN REFROIDISSEUR ACTIF ET UN PLAN FOCAL AVEC VOIE(S) INFRA-ROUGE(S)
106404	05/04/2006	YES	CESARE Stefano, MARCO Pisani	OPTICAL METROLOGY FOR RELATIVE POSITION AND ANGULAR MEASUREMENTS BETWEEN TWO BODIES
106406	05/04/2006	_____	AGOSTI Valérie, DELMONTE Stéphane, BLANC Jean-François	ADAPTATION DU PLAN FOCAL INSTRUMENT PERMETTANT UNE MESURE SIMPLIFIEE DE FTM INSTRUMENT
106407	05/04/2006	_____	AGOSTI Valérie, DELMONTE Stéphane, BLANC Jean-François	ADAPTATION DU PLAN FOCAL INSTRUMENT PERMETTANT LE SUIVI SIMPLIFIE DES PERFORMANCES DE L'INSTRUMENT DURANT SA VIE EN AIT
106496	01/04/2006	YES	LEYRE Xavier	PROBA 3 - ACCOMMODATION DISSYMETRIQUE D'UN CORONOGRAPHE SOLAIRE POUR UNE MISSION DE VOL EN FORMATION
106497	05/07/2006	YES	VALENTINI David, DUDON Jean-Paul	AMELIORATION DES PERFORMANCES DE STRUCTURE/MIROIR PAR UTILISATION DE REVETEMENT A EMISSIVITE VARIABLE
106499	01/04/2006	YES	SIMANE Olivier	BOUCLIER SOLAIRE AUTO GUIDE
800292	12/09/2006	YES	LAGORSSE Joël, BUGADA Dominique	GUIDES D'ONDES A STABILITE DE PHASE : SYSTEME MECANIQUE DE COMPENSATION EN TEMPERATURE
800534	26/10/2006	_____	PACAUD Damien	Dual-mode filters with orthogonal cavities
800535	26/10/2006	_____	NASTA Rodolphe, POPULUS Thierry	Récepteur télécommande bi-mode PM/FM pour satellite
800675	17/11/2006	YES	Acquisition Super-XS	DOUILLET Francis, BLANC Philippe
800676	17/11/2006	_____	Répartition adaptée du débit entre chaînes de compression	PIGOUCHE Olivier, LEBEDEF DIMITRI
800677	17/11/2006	YES	New optical concept for multi-spectral imaging	ZAMKOTSIAN Frederic, VIARD Thierry

SSD RELATED BUSINESS INVENTION DISCLOSURE

Docket	Open date	Filing decision	Inventors	Title
800681	17/11/2006	_____	LARGE TELESCOPES COVER AND SEALING SYSTEM	GENNARO Corrado,BERTUCCIO Enrico Domenico
800682	17/11/2006	_____	A SEGMENTED X-RAYS EXTENSIBLE BAFFLE SYSTEM	BERTUCCIO Enrico Domenico,BONINO Luciana
800685	20/11/2006	_____	LEVY Jean Christophe	Pseudo real time estimation of local Navigation system Integrity
801139	16/02/2007	YES	Stéréo pour Imageur réalisée avec deux lignes de détection faiblement écartées ou une ligne de détection unique	GARIN Stéphane,BLANC Jean-François
801140	16/02/2007	YES	Mesure de la défocalisation d'un instrument par rajout d'une barrette- instrument auto focus ☐	PIGOUCHE Olivier,DANTES Didier
801141	16/02/2007	YES	SYSTEME DE PROTECTION SOLAIRE POUR UN INSTRUMENT SPATIAL LORSQU'IL POINTE DANS UNE DIRECTION PROCHE DE CELLE DU SOLEIL	ALIS Claude,VIEILLLOT Jacques
801142	16/02/2007	_____	Céramique nanostructurée à très bas coefficient de dilatation ajustable	BLANCHARD Laurent,TORRECILLAS Ramon
801143	16/02/2007	_____	Complementary data gatherer for EO satellite	SAINCT Hervé
801144	16/02/2007	YES	Wind-powered High-Altitude Long-Endurance platform	RENAULT Hervé,SAINCT Hervé
801145	16/02/2007	_____	Support Magnétique pour Bouclier Thermique	CLERC Sébastien,CANAS Ludovic
801165	21/02/2007	YES	Réseau et Assemblage de coverglass conducteur (ITO) sur cellule solaire	BOULANGER Bernard,Zugaj Hervé
801175	26/02/2007	_____	Vol en Formation à Multiplication du débit de descente télémessure par utilisation de la ISL (Inter-Satellite Link)	LEYRE Xavier
801176	26/02/2007	YES	Magnetic Space Sample Capture device and procedure	RENAULT Hervé,ARBUSTI Francis,SAINCT Hervé
801177	26/02/2007	_____	actionneur électro-strictif à base de ter-polymère P(VDF TrFE-CFE	LIOTARD Arnaud,ALLEZY Arnaud
801178	26/02/2007	YES	Mirror Astigmatism correction/modification without mechanism	SINGER Christian,DEVILLIERS Christophe,LASIC Thierry



Greffes du Tribunal de Commerce de Paris
1, quai de la Corse
75181 PARIS CEDEX 04

KBIS

EXTRAIT DU REGISTRE DU COMMERCE ET DES SOCIETES
au 20 décembre 2006

IDENTIFICATION

Dénomination Sociale : **ALCATEL LUCENT**
Numéro d'identification : 542 019 096 R.C.S. PARIS
Numéro de gestion : 1954 B 01909
Date d'immatriculation : 2 juin 1954

RENSEIGNEMENTS RELATIFS A LA PERSONNE MORALE

Forme juridique : SOCIETE ANONYME
Au capital de : 4 619 682 740,00 €
Adresse du siège : 54 RUE LA BOETIE 75008 PARIS
Durée de la société : Jusqu'au 30 juin 2086
Date d'arrêté des comptes : le 31/12
Constitution - Dépôt de l'acte constitutif : Au Greffe du Tribunal de Commerce de PARIS le 18 juin 1898
Publication : Journal LA GAZETTE DES TRIBUNAUX du 09-06-1898

ADMINISTRATION

PRESIDENT DU CONSEIL D'ADMINISTRATION M. TCHURUK SERGE
né le 13 novembre 1937 à MARSEILLE 13001 (FRANCE)
de nationalité Française
demeurant 54 RUE LA BOETIE 75008 PARIS

DIRECTEUR GENERAL ET ADMINISTRATEUR Mme RUSSO Patricia
née le 12 juin 1952 à TRENTON NEW JERSEY (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant Heritage court Far Hills nj 07931 Etats-Unis

ADMINISTRATEUR M. BERNARD DANIEL CAMILLE
né le 18 février 1946 à CATEAU (59)
de nationalité Française
demeurant 26 AVE DES TILLEULS 78400 CHATOU

ADMINISTRATEUR M. BLOUNT WILLIAM FRANKLIN
né le 26 juillet 1938 à ATLANTA - GEORGIA (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 105 FLYWAY DRIVE KIAWAH SC 29455 USA

ADMINISTRATEUR M. HALBRON JEAN-PIERRE LEOPOLD
né le 31 août 1936 à PARIS 75016 (FRANCE)
de nationalité Française
demeurant 19 R SAINT JAMES 92200 NEUILLY SUR SEINE

ADMINISTRATEUR M. CORNU JOZEF
né le 15 novembre 1944 à KEMZEKE (BELOIQUE)
de nationalité Belge
demeurant PEIINAERTLAAN (KEM) 80-9090 STEKENE BELGIQUE

ADMINISTRATEUR M. LEBEGUE DANIEL
né le 4 mai 1943 à LYON 69004 (FRANCE)
de nationalité Française
demeurant 25 R DE BOURGOGNE 75007 PARIS

ADMINISTRATEUR M. SCHACHT Henry Brower
né le 18 octobre 1934 à PRILE PENNSYLVANIA (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant Warburg Pincus ltc 466 Lexington Avenue New York ny 10017-2147 Etats-Unis

PATENT

REEL: 020375 FRAME: 0295



ADMINISTRATEUR Mme DELLY Linnet Frazier
née le 20 juin 1945 à DALLAS TEXAS (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 1000 Upton Park blvd # 134 Houston Texas 77056-3247 Etats-Unis

ADMINISTRATEUR M. DENHAM Robert Edwin
né le 27 août 1945 à DALLAS TEXAS (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 851 South Oakland Avenue Pasadena Etats-Unis

ADMINISTRATEUR M. KRAPEK Karl John
né le 5 décembre 1948 à IOWA (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant United Technologies corporation 11 Pembroke Drive Avon
Connecticut 06001-3970 Etats-Unis

ADMINISTRATEUR M. HAGENLOCKER Edward Emerson
né le 18 novembre 1939 à OHIO (ETATS-UNIS)
de nationalité Américaine (Etats Unis)
demeurant 3703 West Maple Road Suite 203 Bloom field Hills Michigan
48301 Etats-Unis

ADMINISTRATEUR Mme JAY Sylvia
née le 1 novembre 1946 à BISPHAM (ROYAUME-UNI)
de nationalité Britannique
demeurant Hammersmith Road 255 London w6 8az Royaume-Uni

ADMINISTRATEUR M. SPINETTA Jean-Cyril
né le 4 octobre 1943 à PARIS 75015 (FRANCE)
de nationalité Française
demeurant 7 rue Pierre Nicole 75005 Paris

COMMISSAIRE AUX COMPTES ERNST & YOUNG ET AUTRES
TITULAIRE 41 RUE YBRY 92576 NEUILLY SUR SEINE
438 476 913 R.C.S. NANTERRE

COMMISSAIRE AUX COMPTES DELOITTE & ASSOCIES (SOCIETE ANONYME)
TITULAIRE 185 AVE CHARLES DE GAULLE 92524 NEUILLY SUR SEINE CEDEX
572 028 041 R.C.S. NANTERRE

COMMISSAIRE AUX COMPTES BEAS (SOCIETE A RESPONSABILITE LIMITEE)
SUPPLEANT 7/9 villa Houssay 92200 Neuilly sur Seine
315 172 445 R.C.S. NANTERRE

COMMISSAIRE AUX COMPTES AUDITEX (SOCIETE ANONYME)
SUPPLEANT faubourg de l'Arche 11 allée de l'Arche 92400 Courbevoie
377 652 938 R.C.S. NANTERRE

RENSEIGNEMENTS RELATIFS A L'ACTIVITE ET L'ETABLISSEMENT

Origine du fonds ou de l'activité : CREATION D'UN FONDS DE COMMERCE

Activité : TOUTES OPERATIONS CONCERNANT LES INDUSTRIES ELECTRIQUES,
ELECTRONIQUES OU CONNEXES ET LES PRESTATIONS DE SERVICES ET
TOUTES OPERATIONS POUVANT S'Y RATTACHER PRISE D'INTERET DANS
TOUTES ENTREPRISES OU TOUTS ORGANISMES FRANCAIS OU ETRANGERS

Nom Commercial : ALCATEL LUCENT

Adresse de l'établissement principal : 54 RUE LA BOETIE 75008 PARIS

Début d'exploitation le : 16 mai 1898

Mode d'exploitation : EXPLOITATION DIRECTE



OBSERVATIONS

24 juillet 1991, N°46086 SOCIETES AYANT PARTICIPE A LA FUSION : GENERALE OCCIDENTALE (RCS PARIS B552030306) - TROCADERO PARTICIPATIONS (RCS PARIS B722050861) - SAFT (RCS BOBIGNY 8775734221) - LOCATEL (RCS NANTERRE B622040251)

24 juillet 1992, N°47113 SOCIETE AYANT PARTICIPE A L'APPORT : ITT DELAWARE INVESTMENTS INC SOCIETE REGIE PAR LES LOIS DU DELAWE FILIALE D'ITT CORPORATION

5 juillet 1996, N°37123 SOCIETES AYANT PARTICIPE A LA FUSION : SOCIETE AUXILIAIRE MARSEILLAISE DE GESTION - SAMAG RCS PARIS B 542092614 - SOCIETE ALCATEL CABLE RCS NANTERRE B 969503176

19 juin 2003, N°2732 MISE EN HARMONIE DES STATUTS AVEC LA LOI 2001-420 DU 15 MAI 2001

Délivré à Paris, le 21 décembre 2006

Tarif (Décret du 10/10/06) H.T. N.Y.
DR 223 00

Le Greffier,

Droits de Greffe 2,50€
Total H.T. 2,50€
T.V.A. 19,6% 0,51€

Total T.T.C. 3,01€

PATENT

REEL: 020375 FRAME: 0297

Société anonyme au capital de € 4 618 682 740
Siège social : 54, rue La Boétie - 75008 Paris
542 019 096 RCS Paris

Le Président remercie les administrateurs de leur présence à ce conseil et leur demande de bien vouloir excuser l'absence de M. Jean-Cyril Spinetta.

Le conseil, réunissant la présence effective de plus de la moitié de ses membres, peut valablement délibérer.

2. CLOSING DE L'OPÉRATION LUCENT

CONSTATATION DE L'ENTRÉE EN VIGUEUR DES STATUTS

Il est rappelé que l'assemblée générale réunie le 7 septembre 2006, a procédé, au terme de la trentième résolution, à la modification, sous la condition suspensive de la réalisation de l'Opération conformément aux termes du Merger Agreement, de certaines dispositions statutaires ayant vocation à s'appliquer uniquement pendant la période d'intégration des équipes formant le nouveau groupe, et d'autres dispositions ayant vocation à durer au-delà de cette période initiale de transition.

Le conseil d'administration constate l'entrée en vigueur à compter de ce jour des nouvelles dispositions statutaires ainsi qu'il suit et l'adoption des nouveaux statuts tels qu'annexés ci-après :

~ la nouvelle dénomination sociale « Alcatel Lucent » (article 3) ;

Le conseil d'administration, après en avoir délibéré, approuve, séance tenante, le texte de la présente délibération qui pourra, en conséquence, être intégralement repris sans modification dans le procès-verbal des délibérations du présent conseil d'administration ou dans tout extrait qui pourrait être délivré dès l'issue du présent conseil.

Plus rien n'étant à l'ordre du jour et aucun administrateur ne demandant plus la parole, la séance est levée à 16 heures 30.

De tout ce que dessus a été dressé le présent procès-verbal qui a été signé, après lecture, par le Président et un administrateur.

Le Président

Un administrateur

CERTIFIÉ CONFORME

