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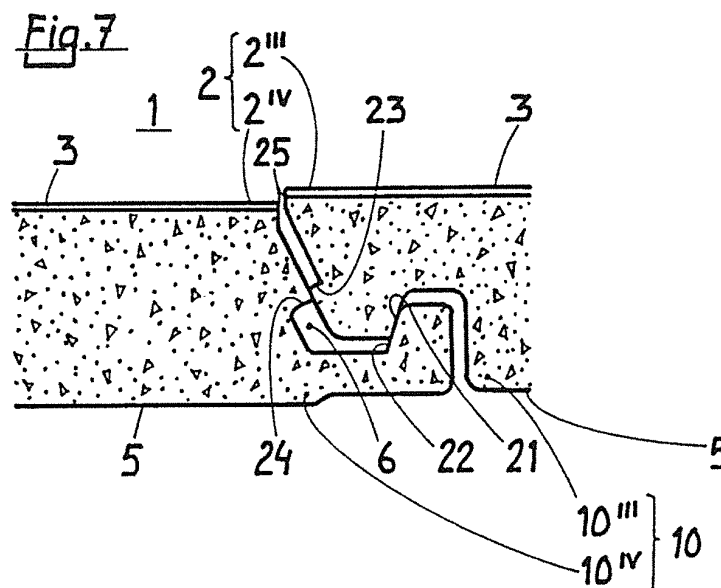
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(54) **A flooring material of sheet-shaped floor elements joined with joining members**

(57) Flooring material comprising floor elements (1) with male joining members (10^I) on a first edge (2^I), while a second edge (2^{II}) of the floor elements (1) is provided with a female joining member (10^{II}), whereby the floor elements (1) are intended to mainly be joined together by tilting the floor element (1) to be joined with an already installed floor element (1), wherein the floor elements (1)

on a third edge (2^{III}) and a fourth edge (2^{IV}) are provided with vertical assembly joining members (10^{III} - 10^{IV}), and in that two adjacent edges (2) of a floor element (1), at the same time, and in the same turning motion, can be joined with a floor element (1) adjacent to the first edge (2^I) and a floor element adjacent to the third or fourth edge (2^{III} and 2^{IV}, respectively).





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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y,P	WO 00/47841 A1 (PERSTORP FLOORING AB [SE]; MAARTENSSON GOERAN [SE]) 17 August 2000 (2000-08-17) * the whole document *	2-6	INV. E04F15/02 ADD. E04F15/04
E	WO 01/51732 A1 (HUELSTA WERKE HUELS KG [DE]; SCHWITTE RICHARD [DE]; MENSING ANSGAR [DE]) 19 July 2001 (2001-07-19) * the whole document *	1	
E	WO 01/51733 A1 (HUELSTA WERKE HUELS KG [DE]; SCHWITTE RICHARD [DE]; MENSING ANSGAR [DE]) 19 July 2001 (2001-07-19) * the whole document *	1	
Y,P	WO 01/02669 A1 (AKZENTA PANELE & PROFILE GMBH [DE]; HANNIG HANS JUERGEN [DE]; EISERMA) 11 January 2001 (2001-01-11) * figures 1, 12 *	2-6	
A,D	WO 94/26999 A1 (VALINGE ALUMINIUM AB [SE]; PERVAN TONY [SE]) 24 November 1994 (1994-11-24) * the whole document *	1	TECHNICAL FIELDS SEARCHED (IPC) E04F
Y,D	WO 97/47834 A1 (UNILIN BEHEER BV [NL]) 18 December 1997 (1997-12-18) * the whole document *	1,7,8	
A,P	WO 01/02670 A1 (AKZENTA PANELE & PROFILE GMBH [DE]; HANNIG HANS JUERGEN [DE]; EISERMA) 11 January 2001 (2001-01-11) * the whole document *	1	
A,P	WO 00/63510 A1 (PATT S R L [IT]; ZANCAI LUCIO [IT]; FANTONI GIOVANNI [IT]) 26 October 2000 (2000-10-26) * the whole document *	1	
	----- -/-		
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 July 2015	Examiner Fournier, Thomas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ----- & : member of the same patent family, corresponding document	

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EUROPEAN SEARCH REPORT

Application Number
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5

10

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35

40

45

50

55

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	CA 991 373 A1 (HEBGEN HEINRICH) 22 June 1976 (1976-06-22) * figures 1-7 *	1,7,8	
Y	WO 99/66151 A1 (VALINGE ALUMINIUM AB [SE]; PERVAN DARKO [SE]) 23 December 1999 (1999-12-23) * page 18, lines 3-7, 20-33 * * page 19, line 33- - page 20, line 16; figures 7a-7c *	1,7,8	
			TECHNICAL FIELDS SEARCHED (IPC)
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 23 July 2015	Examiner Fournier, Thomas
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	

1
EPO FORM 1503 03.82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 0047841 A1	17-08-2000	AT 304098 T	15-09-2005
		AT 433527 T	15-06-2009
		AT 499493 T	15-03-2011
		AU 6493099 A	29-08-2000
		BR 9917057 A	27-11-2001
		CA 2360414 A1	17-08-2000
		CN 1334893 A	06-02-2002
		CZ 20012848 A3	13-02-2002
		DE 29924454 U1	28-05-2003
		DE 69927184 D1	13-10-2005
		DE 69927184 T2	14-06-2006
		DK 1159497 T3	14-11-2005
		DK 1304427 T3	14-09-2009
		DK 1394336 T3	06-06-2011
		EP 1159497 A1	05-12-2001
		EP 1304427 A2	23-04-2003
		EP 1394336 A2	03-03-2004
		EP 2267239 A2	29-12-2010
		ES 2245126 T3	16-12-2005
		ES 2328341 T3	12-11-2009
		ES 2361736 T3	21-06-2011
		HU 0105225 A2	29-04-2002
		PL 349221 A1	01-07-2002
		PT 1159497 E	30-11-2005
		PT 1304427 E	25-08-2009
		RU 2239690 C2	10-11-2004
		TR 200102258 T2	21-12-2001
		US 6647690 B1	18-11-2003
		US 2004068954 A1	15-04-2004
		WO 0047841 A1	17-08-2000
WO 0151732 A1	19-07-2001	AT 263882 T	15-04-2004
		AT 360124 T	15-05-2007
		AU 762122 B2	19-06-2003
		AU 3729801 A	24-07-2001
		AU 2001237298 B2	08-04-2004
		CA 2397653 A1	19-07-2001
		CA 2397662 A1	19-07-2001
		CN 1396978 A	12-02-2003
		CN 1416492 A	07-05-2003
		CZ 20022342 A3	15-01-2003
		CZ 20022343 A3	15-01-2003
		DE 10001076 C1	04-10-2001
		DE 20120704 U1	04-04-2002
		DE 20122711 U1	01-03-2007
		DE 50101901 D1	13-05-2004

EPO FORM P0459

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**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
		DK 1224365 T3	19-07-2004	
		DK 1246981 T3	06-08-2007	
		EP 1224365 A1	24-07-2002	
		EP 1246981 A1	09-10-2002	
		EP 1722042 A1	15-11-2006	
		ES 2214398 T3	16-09-2004	
		ES 2284622 T3	16-11-2007	
		JP 3850292 B2	29-11-2006	
		JP 3850293 B2	29-11-2006	
		JP 2003519735 A	24-06-2003	
		JP 2003524717 A	19-08-2003	
		NO 20023322 A	06-09-2002	
		NO 20023352 A	13-09-2002	
		PT 1224365 E	31-08-2004	
		PT 1246981 E	31-05-2007	
		RU 2232854 C2	20-07-2004	
		SI 20822 A	31-08-2002	
		SI 20881 A	31-10-2002	
		SK 9872002 A3	04-02-2003	
		SK 10262002 A3	04-02-2003	
		TR 200400867 T4	21-06-2004	
		US 2002170258 A1	21-11-2002	
		US 2003037504 A1	27-02-2003	
		WO 0151732 A1	19-07-2001	
		WO 0151733 A1	19-07-2001	

WO 0151733	A1	19-07-2001	AT 263882 T	15-04-2004
			AT 360124 T	15-05-2007
			AU 762122 B2	19-06-2003
			AU 3729801 A	24-07-2001
			AU 2001237298 B2	08-04-2004
			CA 2397653 A1	19-07-2001
			CA 2397662 A1	19-07-2001
			CN 1396978 A	12-02-2003
			CN 1416492 A	07-05-2003
			CZ 20022342 A3	15-01-2003
			CZ 20022343 A3	15-01-2003
			DE 10001076 C1	04-10-2001
			DE 20120704 U1	04-04-2002
			DE 20122711 U1	01-03-2007
			DE 50101901 D1	13-05-2004
			DK 1224365 T3	19-07-2004
			DK 1246981 T3	06-08-2007
			EP 1224365 A1	24-07-2002
			EP 1246981 A1	09-10-2002
			EP 1722042 A1	15-11-2006

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
		ES 2214398 T3	16-09-2004	
		ES 2284622 T3	16-11-2007	
		JP 3850292 B2	29-11-2006	
		JP 3850293 B2	29-11-2006	
		JP 2003519735 A	24-06-2003	
		JP 2003524717 A	19-08-2003	
		NO 20023322 A	06-09-2002	
		NO 20023352 A	13-09-2002	
		PT 1224365 E	31-08-2004	
		PT 1246981 E	31-05-2007	
		RU 2232854 C2	20-07-2004	
		SI 20822 A	31-08-2002	
		SI 20881 A	31-10-2002	
		SK 9872002 A3	04-02-2003	
		SK 10262002 A3	04-02-2003	
		TR 200400867 T4	21-06-2004	
		US 2002170258 A1	21-11-2002	
		US 2003037504 A1	27-02-2003	
		WO 0151732 A1	19-07-2001	
		WO 0151733 A1	19-07-2001	

WO 0102669	A1	11-01-2001	AT 222634 T	15-09-2002
			AT 277246 T	15-10-2004
			AU 1546600 A	22-01-2001
			AU 1546800 A	22-01-2001
			CA 2377799 A1	11-01-2001
			CA 2377919 A1	11-01-2001
			EP 1165906 A1	02-01-2002
			EP 1190149 A1	27-03-2002
			EP 1243721 A2	25-09-2002
			EP 2116666 A1	11-11-2009
			EP 2312087 A2	20-04-2011
			ES 2182582 T3	01-03-2003
			ES 2228133 T3	01-04-2005
			PT 1190149 E	31-01-2005
			RU 2224070 C2	20-02-2004
			US 6505452 B1	14-01-2003
			US 7896571 B1	01-03-2011
			WO 0102669 A1	11-01-2001
			WO 0102670 A1	11-01-2001

WO 9426999	A1	24-11-1994	AT 171238 T	15-10-1998
			AT 187222 T	15-12-1999
			AT 189287 T	15-02-2000
			AT 242383 T	15-06-2003
			AT 256233 T	15-12-2003

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		AT 280291 T	15-11-2004
		AT 308650 T	15-11-2005
		AT 309431 T	15-11-2005
		AT 310868 T	15-12-2005
		AT 454516 T	15-01-2010
		AU 671919 B2	12-09-1996
		AU 6763094 A	12-12-1994
		BG 61457 B1	29-08-1997
		BG 100126 A	28-06-1996
		BR 9406718 A	06-02-1996
		CA 2150384 A1	24-11-1994
		CA 2339339 A1	24-11-1994
		CA 2339341 A1	24-11-1994
		CA 2339342 A1	24-11-1994
		CA 2339344 A1	24-11-1994
		CN 1122623 A	15-05-1996
		CN 1285447 A	28-02-2001
		CN 1285448 A	28-02-2001
		CN 1294238 A	09-05-2001
		CN 1294239 A	09-05-2001
		CN 1514087 A	21-07-2004
		CZ 9502852 A3	15-05-1996
		DE 05025406 T1	17-12-2009
		DE 69413391 D1	22-10-1998
		DE 69413391 T2	04-02-1999
		DE 69421945 D1	05-01-2000
		DE 69421945 T2	27-04-2000
		DE 69422838 D1	02-03-2000
		DE 69422838 T2	15-06-2000
		DE 69432807 D1	10-07-2003
		DE 69432807 T2	19-05-2004
		DE 69433415 D1	22-01-2004
		DE 69433415 T2	16-09-2004
		DE 69434094 D1	25-11-2004
		DE 69434094 T2	24-03-2005
		DE 69434534 D1	08-12-2005
		DE 69434534 T2	18-05-2006
		DE 69434539 D1	15-12-2005
		DE 69434539 T2	24-05-2006
		DE 69434559 D1	29-12-2005
		DE 69434559 T2	01-06-2006
		DK 0698162 T3	28-12-1998
		DK 0855482 T3	10-04-2000
		DK 0877130 T3	17-04-2000
		DK 0969163 T3	15-11-2004
		DK 0969164 T3	08-03-2004

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		DK 1260653 T3	05-12-2005
		DK 1260654 T3	30-01-2006
		DK 1267013 T3	05-12-2005
		DK 1626136 T3	06-04-2010
		EP 0698162 A1	28-02-1996
		EP 0855482 A2	29-07-1998
		EP 0877130 A2	11-11-1998
		EP 0969163 A2	05-01-2000
		EP 0969164 A2	05-01-2000
		EP 1061201 A2	20-12-2000
		EP 1260653 A2	27-11-2002
		EP 1260654 A2	27-11-2002
		EP 1267013 A1	18-12-2002
		EP 1626136 A2	15-02-2006
		EP 2166177 A2	24-03-2010
		ES 2122280 T3	16-12-1998
		ES 2140983 T3	01-03-2000
		ES 2141630 T3	16-03-2000
		ES 2194662 T3	01-12-2003
		ES 2209326 T3	16-06-2004
		ES 2230797 T3	01-05-2005
		ES 2249521 T3	01-04-2006
		ES 2251550 T3	01-05-2006
		ES 2251551 T3	01-05-2006
		ES 2337584 T3	27-04-2010
		FI 951211 A	15-03-1995
		FI 20001601 A	04-07-2000
		FI 20001602 A	04-07-2000
		GR 3032335 T3	27-04-2000
		GR 3032392 T3	31-05-2000
		HU 214470 B	30-03-1998
		JP 3444889 B2	08-09-2003
		JP 3515494 B2	05-04-2004
		JP H08510022 A	22-10-1996
		JP 2001040860 A	13-02-2001
		KR 100387661 B1	19-09-2003
		KR 100413372 B1	13-01-2004
		LV 11491 B	20-02-1997
		NO 950790 A	22-05-1995
		NO 986137 A	22-05-1995
		NO 993136 A	24-06-1999
		NZ 266232 A	26-11-1996
		PL 311568 A1	19-02-1996
		PT 877130 E	28-04-2000
		PT 969163 E	31-12-2004
		PT 969164 E	30-04-2004

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date	
		PT 1061201 E	31-10-2003	
		PT 1626136 E	30-03-2010	
		RO 115185 B1	30-11-1999	
		RU 2123094 C1	10-12-1998	
		RU 2162923 C2	10-02-2001	
		SE 501014 C2	17-10-1994	
		SG 47518 A1	17-04-1998	
		SK 141195 A3	06-11-1996	
		US RE39439 E1	26-12-2006	
		US 5706621 A	13-01-1998	
		US 5860267 A	19-01-1999	
		US 6023907 A	15-02-2000	
		US 6182410 B1	06-02-2001	
		US 6324803 B1	04-12-2001	
		US 6516579 B1	11-02-2003	
		US 2009151291 A1	18-06-2009	
		WO 9426999 A1	24-11-1994	

WO 9747834	A1	18-12-1997	AR 008996 A1	08-03-2000
			AR 044640 A2	21-09-2005
			AR 060214 A2	04-06-2008
			AT 5566 U1	26-08-2002
			AT 196790 T	15-10-2000
			AT 219812 T	15-07-2002
			AT 246760 T	15-08-2003
			AT 307249 T	15-11-2005
			AT 419440 T	15-01-2009
			AT 421623 T	15-02-2009
			AT 445059 T	15-10-2009
			AT 445750 T	15-10-2009
			AT 461330 T	15-04-2010
			AT 490384 T	15-12-2010
			AT 501320 T	15-03-2011
			AU 713628 B2	09-12-1999
			AU 752409 B2	19-09-2002
			AU 2002300410 B2	06-07-2006
			AU 2006201668 A1	18-05-2006
			AU 2006225242 A1	26-10-2006
			AU 2007201959 A1	24-05-2007
			AU 2010246529 A1	23-12-2010
			BE 1010487 A6	06-10-1998
			BG 62216 B1	31-05-1999
			BR 9702325 A	09-03-1999
			CA 2226286 A1	18-12-1997
			CA 2475076 A1	18-12-1997
			CA 2521949 A1	18-12-1997

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		CA 2522085 A1	18-12-1997
		CA 2522092 A1	18-12-1997
		CA 2522130 A1	18-12-1997
		CA 2522141 A1	18-12-1997
		CA 2522321 A1	18-12-1997
		CA 2559357 A1	18-12-1997
		CA 2560527 A1	18-12-1997
		CA 2569612 A1	18-12-1997
		CA 2569614 A1	18-12-1997
		CA 2693267 A1	18-12-1997
		CA 2701554 A1	18-12-1997
		CA 2735317 A1	18-12-1997
		CA 2783398 A1	18-12-1997
		CL 2007001991 A1	30-05-2008
		CN 1195386 A	07-10-1998
		CN 1399051 A	26-02-2003
		CN 1572993 A	02-02-2005
		CN 1880702 A	20-12-2006
		CN 1880703 A	20-12-2006
		CN 1891951 A	10-01-2007
		CN 1928294 A	14-03-2007
		CN 1928295 A	14-03-2007
		CN 1928296 A	14-03-2007
		CN 1928297 A	14-03-2007
		CN 1932203 A	21-03-2007
		CN 1932204 A	21-03-2007
		CN 1932205 A	21-03-2007
		CN 1932206 A	21-03-2007
		CN 1932207 A	21-03-2007
		CN 1932208 A	21-03-2007
		CN 1932209 A	21-03-2007
		CN 1932210 A	21-03-2007
		CN 1982638 A	20-06-2007
		CN 101016797 A	15-08-2007
		CN 101078293 A	28-11-2007
		CN 101078294 A	28-11-2007
		CN 102051973 A	11-05-2011
		CZ 299093 B6	23-04-2008
		CZ 9800391 A3	12-08-1998
		DE 1024234 T1	06-09-2001
		DE 1026341 T1	05-07-2001
		DE 02076363 T1	30-09-2004
		DE 05075560 T1	29-12-2005
		DE 05075635 T1	15-12-2005
		DE 05076551 T1	09-03-2006
		DE 05077262 T1	14-08-2008

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		DE 05077327 T1	30-11-2006
		DE 05077348 T1	30-11-2006
		DE 07024053 T1	31-07-2008
		DE 08020631 T1	25-02-2010
		DE 29710175 U1	14-08-1997
		DE 29724428 U1	05-04-2001
		DE 29724742 U1	03-07-2003
		DE 29724868 U1	13-01-2005
		DE 29724876 U1	27-01-2005
		DE 29724883 U1	07-04-2005
		DE 69703230 D1	09-11-2000
		DE 69703230 T2	01-03-2001
		DE 69713629 D1	01-08-2002
		DE 69713629 T2	06-02-2003
		DE 69724013 D1	11-09-2003
		DE 69724013 T2	09-06-2004
		DE 69734406 T2	06-07-2006
		DK 0843763 T3	29-01-2001
		DK 1024234 T3	14-10-2002
		DK 1026341 T3	24-11-2003
		DK 1223267 T3	20-02-2006
		DK 1338721 T3	15-02-2010
		DK 1541778 T3	01-03-2010
		DK 1541779 T3	31-05-2010
		DK 1589161 T3	16-03-2009
		DK 1612346 T3	27-06-2011
		DK 1614828 T3	08-09-2013
		DK 1614829 T3	16-03-2009
		DK 1898026 T3	16-09-2013
		DK 2031148 T3	23-09-2013
		DK 2031149 T3	14-02-2011
		DK 2077358 T3	14-10-2013
		EG 21186 A	31-12-2000
		EP 0843763 A1	27-05-1998
		EP 1024234 A2	02-08-2000
		EP 1026341 A2	09-08-2000
		EP 1223267 A2	17-07-2002
		EP 1338721 A2	27-08-2003
		EP 1541778 A1	15-06-2005
		EP 1541779 A1	15-06-2005
		EP 1589161 A2	26-10-2005
		EP 1612346 A2	04-01-2006
		EP 1614828 A2	11-01-2006
		EP 1614829 A2	11-01-2006
		EP 1898026 A2	12-03-2008
		EP 2031147 A2	04-03-2009

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		EP 2031148 A2	04-03-2009
		EP 2031149 A2	04-03-2009
		EP 2077358 A2	08-07-2009
		EP 2116668 A1	11-11-2009
		EP 2275622 A2	19-01-2011
		EP 2275623 A2	19-01-2011
		EP 2280131 A2	02-02-2011
		EP 2280132 A2	02-02-2011
		EP 2280133 A2	02-02-2011
		EP 2280134 A2	02-02-2011
		EP 2280135 A2	02-02-2011
		ES 2152679 T3	01-02-2001
		ES 2153799 T1	16-03-2001
		ES 2153800 T1	16-03-2001
		ES 2220244 T1	16-12-2004
		ES 2246751 T1	01-03-2006
		ES 2246752 T1	01-03-2006
		ES 2247961 T1	16-03-2006
		ES 2300234 T1	16-06-2008
		ES 2306634 T1	16-11-2008
		ES 2321417 T3	05-06-2009
		ES 2333647 T3	25-02-2010
		ES 2429163 T3	13-11-2013
		ES 2429293 T3	14-11-2013
		ES 2429294 T3	14-11-2013
		GR 3034933 T3	28-02-2001
		HK 1016234 A1	22-11-2002
		HK 1050232 A1	09-09-2005
		HU 228451 B1	28-03-2013
		HU 9901996 A2	28-10-1999
		ID 17097 A	04-12-1997
		JP 3742658 B2	08-02-2006
		JP 4463745 B2	19-05-2010
		JP H11510869 A	21-09-1999
		JP 2006052641 A	23-02-2006
		KR 100430315 B1	04-08-2004
		MA 24198 A1	31-12-1997
		MY 125475 A	30-08-2006
		MY 128251 A	31-01-2007
		MY 138281 A	29-05-2009
		MY 141102 A	15-03-2010
		NO 980569 A	10-02-1998
		NO 20016048 A	10-02-1998
		NZ 329581 A	28-02-2000
		PL 324923 A1	22-06-1998
		PT 843763 E	30-03-2001

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		PT 1024234 E	29-11-2002
		PT 1026341 E	31-12-2003
		PT 1338721 E	06-01-2010
		PT 1541778 E	07-01-2010
		PT 1541779 E	31-05-2010
		PT 1589161 E	06-03-2009
		PT 1612346 E	25-05-2011
		PT 1614828 E	01-10-2013
		PT 1614829 E	22-04-2009
		PT 1898026 E	21-10-2013
		PT 2031148 E	01-10-2013
		PT 2031149 E	03-03-2011
		PT 2077358 E	09-10-2013
		RO 119641 B1	28-01-2005
		RO 122418 B1	29-05-2009
		RO 122818 B1	26-02-2010
		RO 130356 A2	30-06-2015
		RU 2200809 C2	20-03-2003
		RU 2285777 C2	20-10-2006
		RU 2327019 C1	20-06-2008
		RU 2352738 C2	20-04-2009
		RU 2010150363 A	20-06-2012
		SI 9720009 A	31-08-1998
		SK 16398 A3	09-09-1998
		SK 287700 B6	06-06-2011
		TN SN97099 A1	01-09-2000
		TR 9800209 T1	22-06-1998
		US 6006486 A	28-12-1999
		US 6490836 B1	10-12-2002
		US 2003024200 A1	06-02-2003
		US 2003024201 A1	06-02-2003
		US 2003029115 A1	13-02-2003
		US 2003029116 A1	13-02-2003
		US 2003029117 A1	13-02-2003
		US 2005284075 A1	29-12-2005
		US 2005284076 A1	29-12-2005
		US 2006005499 A1	12-01-2006
		US 2006032177 A1	16-02-2006
		US 2006196138 A1	07-09-2006
		US 2006201095 A1	14-09-2006
		US 2006225370 A1	12-10-2006
		US 2006225377 A1	12-10-2006
		US 2006236630 A1	26-10-2006
		US 2006236631 A1	26-10-2006
		US 2006236632 A1	26-10-2006
		US 2006236633 A1	26-10-2006

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		US 2006236634 A1	26-10-2006
		US 2006236635 A1	26-10-2006
		US 2006236636 A1	26-10-2006
		US 2006236637 A1	26-10-2006
		US 2006236638 A1	26-10-2006
		US 2006236643 A1	26-10-2006
		US 2006248829 A1	09-11-2006
		US 2006248830 A1	09-11-2006
		US 2006248831 A1	09-11-2006
		US 2006254183 A1	16-11-2006
		US 2006254184 A1	16-11-2006
		US 2006254185 A1	16-11-2006
		US 2006260249 A1	23-11-2006
		US 2006272263 A1	07-12-2006
		US 2007094986 A1	03-05-2007
		US 2007094987 A1	03-05-2007
		US 2007107360 A1	17-05-2007
		US 2007107363 A1	17-05-2007
		US 2007251188 A1	01-11-2007
		US 2008010928 A1	17-01-2008
		US 2008010929 A1	17-01-2008
		US 2008053027 A1	06-03-2008
		US 2008053028 A1	06-03-2008
		US 2008060309 A1	13-03-2008
		US 2008060310 A1	13-03-2008
		US 2008060311 A1	13-03-2008
		US 2008066416 A1	20-03-2008
		US 2010319292 A1	23-12-2010
		US 2011023405 A1	03-02-2011
		US 2013104487 A1	02-05-2013
		US 2014290174 A1	02-10-2014
		WO 9747834 A1	18-12-1997

WO 0102670	A1	11-01-2001	AT 222634 T 15-09-2002
			AT 277246 T 15-10-2004
			AU 1546600 A 22-01-2001
			AU 1546800 A 22-01-2001
			CA 2377799 A1 11-01-2001
			CA 2377919 A1 11-01-2001
			EP 1165906 A1 02-01-2002
			EP 1190149 A1 27-03-2002
			EP 1243721 A2 25-09-2002
			EP 2116666 A1 11-11-2009
			EP 2312087 A2 20-04-2011
			ES 2182582 T3 01-03-2003
			ES 2228133 T3 01-04-2005

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 14 16 9430

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

23-07-2015

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
		PT 1190149 E	31-01-2005
		RU 2224070 C2	20-02-2004
		US 6505452 B1	14-01-2003
		US 7896571 B1	01-03-2011
		WO 0102669 A1	11-01-2001
		WO 0102670 A1	11-01-2001

WO 0063510	A1 26-10-2000	AR 020554 A1	15-05-2002
		AU 1779500 A	02-11-2000
		CA 2370705 A1	26-10-2000
		EP 1171679 A1	16-01-2002
		IT PN990038 A1	20-10-2000
		US 2002178681 A1	05-12-2002
		WO 0063510 A1	26-10-2000

CA 991373	A1 22-06-1976	CA 991373 A1	22-06-1976
		DE 2238660 A1	07-02-1974

WO 9966151	A1 23-12-1999	AT 238469 T	15-05-2003
		AU 735245 B2	05-07-2001
		AU 4666599 A	05-01-2000
		BR 9911186 A	13-02-2001
		CA 2333962 A1	23-12-1999
		CN 1304475 A	18-07-2001
		DE 69907179 D1	28-05-2003
		DE 69907179 T2	18-12-2003
		EP 1084317 A1	21-03-2001
		ES 2193721 T3	01-11-2003
		JP 3515075 B2	05-04-2004
		JP 2002518613 A	25-06-2002
		NO 20006036 A	01-02-2001
		PT 1084317 E	30-09-2003
		US 7444791 B1	04-11-2008
		US 2008000182 A1	03-01-2008
		US 2008005992 A1	10-01-2008
		US 2011203214 A1	25-08-2011
		US 2013219820 A1	29-08-2013
		US 2015027080 A1	29-01-2015
		WO 9966151 A1	23-12-1999

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82