

SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 11 79 0078

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	JP S57 51240 A (TOKYO SHIBAURA ELECTRIC CO) 26 March 1982 (1982-03-26) * abstract * * page 175, 1st paragraph; * * paragraph between pages 175 and 176; * * page 177, 1st paragraph * * tables 1, 3 *	1-13	INV. C22C33/02 C22C38/04
Y	US 2005/244295 A1 (SKOGLUND PAUL [SE] ET AL) 3 November 2005 (2005-11-03) * abstract * * paragraphs [0017] - [0038] * * claims 1-8 *	1,3-13	
Y	CA 2 744 009 A1 (HOEGAENAES AB PUBL [SE]) 3 June 2010 (2010-06-03) * abstract * * page 1, line 8 - line 26 * * page 3, line 22 - page 4, line 25 *	1-3,6-13	
A	WO 2009/148402 A1 (HOEGANAES AB PUBL [SE]; KLEKOVKIN ALEXANDER [US]; MILLIGAN DAVID [US];) 10 December 2009 (2009-12-10) * abstract * * page 5, line 11 - page 10, line 6 * * claims 1-11 *	1-13	TECHNICAL FIELDS SEARCHED (IPC) C22C B22F
A	WO 99/37424 A1 (HOEGANAES AB [SE]; ARVIDSSON JOHAN [SE]; ERIKSSON OLA [SE]) 29 July 1999 (1999-07-29) * abstract * * column 2, line 21 - column 8, line 20 * * claims 1-12 *	1-13	
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The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 20 April 2017	Examiner Gomes Pinto F., R
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

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EPO FORM 1503 03.82 (P04C04)

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Application Number
EP 11 79 0078

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	JP 2003 313649 A (TOYOTA MOTOR CORP) 6 November 2003 (2003-11-06) * abstract * * paragraphs [0013], [0020] - [0026], [0030], [0058] - [0062] * -----	1-13	
A	US 5 154 881 A (RUTZ HOWARD G [US] ET AL) 13 October 1992 (1992-10-13) * abstract * * column 4, line 1 - column 6, line 16 * -----	1-13	
			TECHNICAL FIELDS SEARCHED (IPC)
<p>The supplementary search report has been based on the last set of claims valid and available at the start of the search.</p>			
Place of search The Hague		Date of completion of the search 20 April 2017	Examiner Gomes Pinto F., R
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EPO FORM 1503 03.82 (P04C04)

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

EP 11 79 0078

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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20-04-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP S5751240	A	26-03-1982	NONE	

US 2005244295	A1	03-11-2005	AT 423646 T	15-03-2009
			EP 1755810 A2	28-02-2007
			ES 2322768 T3	26-06-2009
			JP 2007537359 A	20-12-2007
			US 2005244295 A1	03-11-2005
			WO 2005113178 A2	01-12-2005

CA 2744009	A1	03-06-2010	BR PI0922828 A2	29-12-2015
			CA 2744009 A1	03-06-2010
			CN 102227274 A	26-10-2011
			EP 2370220 A1	05-10-2011
			JP 5583139 B2	03-09-2014
			JP 2012509995 A	26-04-2012
			KR 20110099703 A	08-09-2011
			KR 20160133015 A	21-11-2016
			RU 2011125962 A	10-01-2013
			TW 201026843 A	16-07-2010
			US 2011265602 A1	03-11-2011
			WO 2010062250 A1	03-06-2010

WO 2009148402	A1	10-12-2009	CA 2725652 A1	10-12-2009
			EP 2285996 A1	23-02-2011
			TW 201000648 A	01-01-2010
			US 2011103995 A1	05-05-2011
			WO 2009148402 A1	10-12-2009

WO 9937424	A1	29-07-1999	AT 256520 T	15-01-2004
			AU 738667 B2	20-09-2001
			BR 9907190 A	17-10-2000
			CA 2318112 A1	29-07-1999
			CN 1288402 A	21-03-2001
			DE 69913650 D1	29-01-2004
			DE 69913650 T2	18-11-2004
			EP 1049552 A1	08-11-2000
			ES 2212523 T3	16-07-2004
			JP 4909460 B2	04-04-2012
			JP 2002501122 A	15-01-2002
			JP 2010159495 A	22-07-2010
			PL 341981 A1	07-05-2001
			RU 2216433 C2	20-11-2003
			TW 450855 B	21-08-2001
			US 6348080 B1	19-02-2002
			WO 9937424 A1	29-07-1999

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

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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.

20-04-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 2003313649	A	06-11-2003	NONE

US 5154881	A	13-10-1992	AT 161763 T 15-01-1998
		DE 69223940 D1	12-02-1998
		DE 69223940 T2	09-07-1998
		EP 0555578 A2	18-08-1993
		ES 2112885 T3	16-04-1998
		JP H05271709 A	19-10-1993
		JP H07103404 B2	08-11-1995
		TW 206172 B	21-05-1993
		US 5154881 A	13-10-1992
		US 5484469 A	16-01-1996
