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SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application Number
EP 14 85 6504

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X Y	EP 1 413 759 A2 (TOYOTA JIDOSHOKKI KK [JP]) 28 April 2004 (2004-04-28) * paragraphs [0017], [0026]; figures 1,2A, 4 *	1-5 7	INV. F04C18/02 F04C23/00
X	US 2010/209278 A1 (TARAO SUSUMU [JP] ET AL) 19 August 2010 (2010-08-19) * paragraphs [0028], [0034]; figures 1,2 *	1,2,4,6	
X	US 7 497 674 B2 (TATEISHI TAICHI [JP] ET AL) 3 March 2009 (2009-03-03) * column 7, line 22 - line 43; figure 1 * * column 9, line 29 - line 49 *	1,6	
X	JP 2000 249086 A (NIPPON SOKEN; DENSO CORP) 12 September 2000 (2000-09-12) * abstract; figure 8 *	1	
X	US 2006/153725 A1 (KOIDE TATSUYA [JP] ET AL) 13 July 2006 (2006-07-13) * paragraph [0018]; figure 1 *	1,2	
X	EP 1 950 377 A1 (TOYOTA JIDOSHOKKI KK [JP]) 30 July 2008 (2008-07-30) * paragraph [0021]; figure 1 *	1	
X	EP 1 464 840 A1 (TOYOTA JIDOSHOKKI KK [JP]) 6 October 2004 (2004-10-06) * paragraph [0021]; figure 1 *	1	
Y	JP S61 123790 A (MATSUSHITA REFRIGERATION) 11 June 1986 (1986-06-11) * abstract; figure 1 *	7	

TECHNICAL FIELDS SEARCHED (IPC)

F04C
F01C

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	Date of completion of the search	Examiner
Munich	28 June 2017	Descoubes, Pierre

CATEGORY OF CITED DOCUMENTS

X : particularly relevant if taken alone
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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO. EP 14 85 6504

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
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28-06-2017

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 1413759 A2	28-04-2004	DE 60300376 D1	14-04-2005
		DE 60300376 T2	09-02-2006
		EP 1413759 A2	28-04-2004
		JP 4013730 B2	28-11-2007
		JP 2004144045 A	20-05-2004
		US 2004136855 A1	15-07-2004
US 2010209278 A1	19-08-2010	EP 2218914 A2	18-08-2010
		JP 2010190074 A	02-09-2010
		US 2010209278 A1	19-08-2010
US 7497674 B2	03-03-2009	CN 101042135 A	26-09-2007
		EP 1837526 A2	26-09-2007
		JP 4813938 B2	09-11-2011
		JP 2007255191 A	04-10-2007
		US 2007217934 A1	20-09-2007
JP 2000249086 A	12-09-2000	JP 3560492 B2	02-09-2004
		JP 2000249086 A	12-09-2000
US 2006153725 A1	13-07-2006	EP 1679441 A1	12-07-2006
		JP 4747775 B2	17-08-2011
		JP 2006220142 A	24-08-2006
		KR 20060082026 A	14-07-2006
		US 2006153725 A1	13-07-2006
EP 1950377 A1	30-07-2008	CN 101235811 A	06-08-2008
		EP 1950377 A1	30-07-2008
		JP 2008184947 A	14-08-2008
		KR 20080071083 A	01-08-2008
		US 2008181791 A1	31-07-2008
EP 1464840 A1	06-10-2004	EP 1464840 A1	06-10-2004
		JP 2004301092 A	28-10-2004
		US 2004253133 A1	16-12-2004
JP S61123790 A	11-06-1986	NONE	