



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 17 82 82 84

Classification of the application (IPC):
G05D 1/02, B25J 11/00, B25J 19/02, B25J 9/16

Technical fields searched (IPC):
B25J, G05D

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X Y	WO 2013119942 A1 (ADEPT TECHNOLOGY INC [US]) 15 August 2013 (2013-08-15) * pages 31, 35; figure 7 *	1-12 3, 5-8
Y	WO 0245915 A1 (ABB AB [SE]; MARTINS GOESTA [SE] ET AL.) 13 June 2002 (2002-06-13) * page 7, line 14 - line 15 *	3
Y	US 2006060216 A1 (WOO CHUN-KYU [KR]) 23 March 2006 (2006-03-23) * paragraphs [0038], [0043] *	5-8

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 Munich	Date of completion of the search 10 January 2020	Examiner Gundlach, Harald
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CATEGORY OF CITED DOCUMENTS

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| X: particularly relevant if taken alone | P: intermediate document |
| Y: particularly relevant if combined with another document of the same category | T: theory or principle underlying the invention |
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ANNEX TO SUPPLEMENTARY EUROPEAN SEARCH REPORT

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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 10-01-2020
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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2013119942 A1	15-08-2013	EP 2791748 A1	22-10-2014
		SG 11201400963S A	28-04-2014
		US 2014365258 A1	11-12-2014
		WO 2013119942 A1	15-08-2013
WO 0245915 A1	13-06-2002	AU 1862302 A	18-06-2002
		DE 10196988 T5	15-04-2004
		US 2004093650 A1	13-05-2004
		WO 0245915 A1	13-06-2002
US 2006060216 A1	23-03-2006	EP 1640841 A1	29-03-2006
		JP 4563898 B2	13-10-2010
		JP 2006087918 A	06-04-2006
		KR 20060027722 A	28-03-2006
		RU 2299001 C1	20-05-2007
		US 2006060216 A1	23-03-2006