

INTERNATIONAL SEARCH REPORT

International application No  
PCT/EP2017/070653

A. CLASSIFICATION OF SUBJECT MATTER  
INV. B25J9/16 B25J13/08 G05B19/042 G06F3/01  
ADD.  
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED  
Minimum documentation searched (classification system followed by classification symbols)  
B25J G05B G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2010/094461 A1 (ROTH MICHAEL [AT] ET AL) 15 April 2010 (2010-04-15)	1-3,7,9
Y	paragraph [0025] paragraph [0054] figure 4	4-6,8
A	----- US 2014/207285 A1 (SAKABE KOUJI [JP]) 24 July 2014 (2014-07-24) paragraph [0062]	1
Y	----- WO 2014/093822 A1 (ABB TECHNOLOGY AG [CH]; BOCA REMUS [US]; NIDAMARTHI SRINIVAS [US]; FUH) 19 June 2014 (2014-06-19) page 3 - page 4 figures 2a - 2k figure 6 ----- -/--	4-6

Further documents are listed in the continuation of Box C.

See patent family annex.

\* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search  24 November 2017	Date of mailing of the international search report  01/12/2017
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Authorized officer  Falconi, Riccardo
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International application No  
PCT/EP2017/070653

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	----- SANG CHOI ET AL: "Lead-through robot teaching", 2013 IEEE CONFERENCE ON TECHNOLOGIES FOR PRACTICAL ROBOT APPLICATIONS (TEPRA), 22 April 2013 (2013-04-22), pages 1-4, XP055420857, ISSN: 2325-0526, DOI: 10.1109/TePRA.2013.6556347 ISBN: 978-1-4673-6223-8 the whole document -----	1-9

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Information on patent family members

International application No

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