

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. |
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| 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 |
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| 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.

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| 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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