



SUPPLEMENTARY EUROPEAN SEARCH REPORT

Application number:
EP 18 78 36 55

Classification of the application (IPC):

H02J 50/40, H01F 38/14, H02J 50/80, H02J 50/90, H02J 50/10, H02J 50/60,
H02J 50/12, G05F 1/66, H02J 50/20

Technical fields searched (IPC):

H01F, H02J

DOCUMENTS CONSIDERED TO BE RELEVANT		
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim
X A	WO 2016048008 A1 (KOREA ADVANCED INST SCI & TECH [KR]) 31 March 2016 (2016-03-31) * the whole document *	1-3 4-10
X	US 2014225562 A1 (LI HAO [NZ] ET AL) 14 August 2014 (2014-08-14) * paragraph [0031]; figure 2 *	1
A	JP 2015153773 A (UNIV SAITAMA; TECHNOVA KK) 24 August 2015 (2015-08-24) * the whole document *	11
X A	US 2016172890 A1 (JEONG SEONG HEON [US]) 16 June 2016 (2016-06-16) * paragraphs [0066], [0076], [0107], [0115], [0116]; figures 4A, 8, 8A, 9, 9A-C, 10, 11 *	12, 14, 15 13

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 21 November 2019	Examiner Chaumeron, Bernard
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CATEGORY OF CITED DOCUMENTS

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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 21-11-2019
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