

INTERNATIONAL SEARCH REPORT

International application No
PCT/EP2017/081963

A. CLASSIFICATION OF SUBJECT MATTER
INV. H01F7/18 G05F7/00 H01H47/00 H02H9/00
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)
H01F H01H H02H G05F

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.
Y	WO 98/24105 A1 (BSO STEUERUNGSTECHNIK GMBH [DE]; MORSCH JOACHIM [DE]) 4 June 1998 (1998-06-04) page 3 figures 1-3	1-12
Y	----- EP 3 021 444 A1 (EATON ELECTRICAL IP GMBH & CO [DE]) 18 May 2016 (2016-05-18) paragraph [0033]; figure 2 paragraph [0037] paragraph [0038]	1-12
Y	----- US 2010/097043 A1 (KAWASHIMA HIROSHI [JP]) 22 April 2010 (2010-04-22) paragraph [0030]; figure 1 -----	1-12
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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
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Date of the actual completion of the international search 11 April 2018	Date of mailing of the international search report 24/04/2018
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 Rouzier, Brice

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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A	JP H06 34322 U (UNKNOWN) 6 May 1994 (1994-05-06) abstract; figure 4	4
A	----- DE 32 32 217 A1 (SIEMENS AG [DE]) 1 March 1984 (1984-03-01) figure 1	5
A	----- DE 10 2006 021847 A1 (AUSTRIAMICROSYSTEMS AG [AT]) 22 November 2007 (2007-11-22) the whole document -----	1-12

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Information on patent family members

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			EP 0941550 A1 15-09-1999
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