

INTERNATIONAL SEARCH REPORT

International application No.

PCT/EP2019/086116

A. CLASSIFICATION OF SUBJECT MATTER*H01R 43/18*(2006.01); *H01R 13/52*(2006.01)n

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)

H01R

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 8758035 B2 (MORELLO JOHN R [US]; RAINEY JAMES M [US] ET AL.) 24 June 2014 (2014-06-24)	1-6,8,11-15
Y	paragraph [0019] - paragraph [0024]; figures 2A-4	7
A		9,10,16,17
Y	JP H03219578 A (SUMITOMO WIRING SYSTEMS) 26 September 1991 (1991-09-26)	7
A	abstract; figures 1-4	1-6,8-17
A	US 6241554 B1 (MURAKAMI TAKAO [JP] ET AL) 05 June 2001 (2001-06-05) cited in the application figure 2	1-17

 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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“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

“Y” document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

“&” document member of the same patent family

Date of the actual completion of the international search

20 March 2020

Date of mailing of the international search report

27 March 2020

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

PCT/EP2019/086116

Patent document cited in search report			Publication date (day/month/year)	Patent family member(s)			Publication date (day/month/year)
US	8758035	B2	24 June 2014	BR	102013009824	A2	30 June 2015
				CN	103490219	A	01 January 2014
				EP	2672572	A1	11 December 2013
				US	2013330950	A1	12 December 2013
JP	H03219578	A	26 September 1991	JP	2803849	B2	24 September 1998
				JP	H03219578	A	26 September 1991
US	6241554	B1	05 June 2001	EP	1058354	A2	06 December 2000
				JP	2000348815	A	15 December 2000
				US	6241554	B1	05 June 2001