

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2017/109510

A. CLASSIFICATION OF SUBJECT MATTER

H02J 9/06 (2006.01) i

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)

H02J

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)

CNPAT, WPI, EPODOC, CNKI: 自动, 转换, 切换, 开关, 远程, 遥控, automatic, transfer, switch, remote, long, distance, range

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CN 205160197 U (ASCO POWER TECHNOLOGIES, L.P.) 13 April 2016 (13.04.2016), description, paragraph [0045]	1
Y	CN 205160197 U (ASCO POWER TECHNOLOGIES, L.P.) 13 April 2016 (13.04.2016), description, paragraph [0045]	2-4
Y	CN 101465560 A (NARI-RELAYS ELECTRIC CO., LTD. et al.) 24 June 2009 (24.06.2009), description, page 1, paragraphs 3-5	2-4
A	CN 201781316 U (HANGZHOU DOWIN TECHNOLOGY CO., LTD.) 30 March 2011 (30.03.2011), entire document	1-4
A	US 2012090966 A1 (EATON CORPORATION) 19 April 2012 (19.04.2012), entire document	1-4
A	CN 104901415 A (TIANTAI XINRUAN ELECTRICAL APPLIANCE CO., LTD.) 09 September 2015 (09.09.2015), entire document	1-4

Further documents are listed in the continuation of Box C.

See patent family annex.

<p>* Special categories of cited documents:</p> <p>“A” document defining the general state of the art which is not considered to be of particular relevance</p> <p>“E” earlier application or patent but published on or after the international filing date</p> <p>“L” document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>“O” document referring to an oral disclosure, use, exhibition or other means</p> <p>“P” document published prior to the international filing date but later than the priority date claimed</p>	<p>“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</p> <p>“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</p> <p>“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</p> <p>“&” document member of the same patent family</p>
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<p>Date of the actual completion of the international search</p> <p style="text-align: center;">16 May 2018</p>	<p>Date of mailing of the international search report</p> <p style="text-align: center;">28 May 2018</p>
<p>Name and mailing address of the ISA</p> <p>State Intellectual Property Office of the P. R. China</p> <p>No. 6, Xitucheng Road, Jimenqiao</p> <p>Haidian District, Beijing 100088, China</p> <p>Facsimile No. (86-10) 62019451</p>	<p>Authorized officer</p> <p style="text-align: center;">ZHA, Jieli</p> <p>Telephone No. (86-10) 53961488</p>

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2017/109510

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 205160197 U	13 April 2016	None	
CN 101465560 A	24 June 2009	None	
CN 201781316 U	30 March 2011	None	
US 2012090966 A1	19 April 2012	MX 2013004321 A	03 June 2013
		AU 2011319664 A1	18 April 2013
		CA 2812710 A1	26 April 2012
		WO 2012052822 A2	26 April 2012
CN 104901415 A	09 September 2015	None	