

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2017/108247

| A. CLASSIFICATION OF SUBJECT MATTER | | |
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| H01B 17/38(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) | | |
| H01B | | |
| 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) | | |
| WPI, EPODOC, CNPAT, CNKI: 绝缘子, 悬式, 瓷棒, 复合, 橡胶, 金具, 球窝, insulator, ceramic, composite, rubber, accessor | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | CN 105845286 A (JIANGSU NANJI INSULATORS CO., LTD.) 10 August 2016 (2016-08-10) description, paragraphs [0023]-[0038], and figure 1 | 1-6 |
| Y | CN 105006309 A (JIANGSU NANJI INSULATORS CO., LTD.) 28 October 2015 (2015-10-28) description, paragraphs [0011]-[0016], and figures 1-2 | 1-6 |
| Y | CN 201233770 Y (JINGDEZHEN NANJI INSULATORS CO., LTD.) 06 May 2009 (2009-05-06) abstract, and figure 1 | 1-6 |
| A | JP 2013109915 A (KOYO ELECTRIC INDUSTRIAL COMPANY, INCORPORATED) 06 June 2013 (2013-06-06) entire document | 1-6 |
| A | JP S6364220 A (NGK INSULATORS, LTD.) 22 March 1988 (1988-03-22) entire document | 1-6 |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> 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 "E" earlier application or patent but published on or after the international filing date "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) "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 | | Date of mailing of the international search report |
| 05 June 2018 | | 27 June 2018 |
| Name and mailing address of the ISA/CN | | Authorized officer |
| State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088 China | | |
| Facsimile No. (86-10)62019451 | | Telephone No. |

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.

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| Patent document cited in search report | | | Publication date (day/month/year) | Patent family member(s) | | | Publication date (day/month/year) |
|--|------------|---|-----------------------------------|-------------------------|-----------|----|-----------------------------------|
| CN | 105845286 | A | 10 August 2016 | CN | 105845286 | B | 03 November 2017 |
| CN | 105006309 | A | 28 October 2015 | None | | | |
| CN | 201233770 | Y | 06 May 2009 | None | | | |
| JP | 2013109915 | A | 06 June 2013 | JP | 4979832 | B1 | 18 July 2012 |
| JP | S6364220 | A | 22 March 1988 | None | | | |