

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2018/108800

A. CLASSIFICATION OF SUBJECT MATTER		
H01M 10/613(2014.01)i; H01M 10/617(2014.01)i; H01M 10/625(2014.01)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)		
H01M		
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: 电池, 散热, 冷却, 换热, 风道, 通道, 流道, 间隔, 相错, 错开, 错位, cell, battery, radiate, cool, heat w exchange, channel, path, passage, separate, stagger		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 207338578 U (BYD COMPANY LIMITED) 08 May 2018 (2018-05-08) claims 1-12	1-12
X	CN 205900634 U (BEIJING ELECTRIC VEHICLE CO., LTD.) 18 January 2017 (2017-01-18) description, paragraphs 33-54, and figures 1-3	1-5, 8-12
Y	CN 205900634 U (BEIJING ELECTRIC VEHICLE CO., LTD.) 18 January 2017 (2017-01-18) description, paragraphs 33-54, and figures 1-3	6-7
Y	CN 203179970 U (CHAOYANG LIYUAN NEW ENERGY CO., LTD.) 04 September 2013 (2013-09-04) description, paragraph 22, and figures 1-2	6-7
A	CN 105390638 A (SINOEV HEFEI TECHNOLOGIES CO., LTD.) 09 March 2016 (2016-03-09) entire document	1-12
<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
03 December 2018		04 January 2019
Name and mailing address of the ISA/CN		Authorized officer
State Intellectual Property Office of the P. R. China (ISA/ CN) No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088 China		
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INTERNATIONAL SEARCH REPORT
Information on patent family members

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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 207338578 U	08 May 2018	None	
CN 205900634 U	18 January 2017	None	
CN 203179970 U	04 September 2013	None	
CN 105390638 A	09 March 2016	CN 105390638 B	24 October 2017