

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2017/102098

## A. CLASSIFICATION OF SUBJECT MATTER

B65G 37/00 (2006.01) i; B65G 43/08 (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)

B65G; 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)

CNPAT, CNKI, WPI, EPODOC: 电池, 输送带, 传输带, 传送带, 挡板, 定位, 夹紧, 压紧, 槽, 滑动, 导轨, battery, convey, belt, location, clamp, groove, slot, slide, guide

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
E	CN 207087181 U (GUANGZHOU YONGHEXIANG AUTOMATION EQUIPMENT TECHNOLOGY CO., LTD.) 13 March 2018 (13.03.2018), description, paragraphs [0037]-[0078], and figures 1-17	1-10
E	CN 107378322 A (GUANGZHOU YONGHEXIANG AUTOMATION EQUIPMENT TECHNOLOGY CO., LTD.) 24 November 2017 (24.11.2017), description, paragraphs [0037]-[0078], and figures 1-17	1-10
E	CN 207090379 U (GUANGZHOU YONGHEXIANG AUTOMATION EQUIPMENT TECHNOLOGY CO., LTD.) 13 March 2018 (13.03.2018), description, paragraphs [0026]-[0041], and figures 1-5	1-10
X	CN 206316040 U (GUANGZHOU YONGHEXIANG AUTOMATION EQUIPMENT TECHNOLOGY CO., LTD.) 11 July 2017 (11.07.2017), description, paragraphs [0027]-[0035], and figures 1-5	1-4, 8-10

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>“&amp;” document member of the same patent family</p>
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Date of the actual completion of the international search 17 April 2018	Date of mailing of the international search report 18 May 2018
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<p>Name and mailing address of the ISA State Intellectual Property Office of the P. R. China No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088, China Facsimile No. (86-10) 62019451</p>	<p>Authorized officer  GAO, Lihu  Telephone No. (86-10) 53961013</p>
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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 206316040 U (GUANGZHOU YONGHEXIANG AUTOMATION EQUIPMENT TECHNOLOGY CO., LTD.) 11 July 2017 (11.07.2017), description, paragraphs [0027]-[0035], and figures 1-5	5-7
Y	CN 204818839 U (SANMEN VOCATIONAL SECONDARY SPECIALIZED SCHOOL) 02 December 2015 (02.12.2015), description, paragraphs [0013]-[0019], and figures 1-3	5-7
A	CN 103447209 A (CHANGXING JINRUN DAZHENG MACHINERY CO., LTD.) 18 December 2013 (18.12.2013), entire document	1-10
A	US 2015118011 A1 (DATA I/O CORP.) 30 April 2015 (30.04.2015), entire document	1-10
A	CN 201792219 U (ZHONGSHAN TIANMAO BATTERY CO., LTD.) 13 April 2011 (13.04.2011), entire document	1-10

**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

International application No.  
PCT/CN2017/102098

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 207087181 U	13 March 2018	None	
CN 107378322 A	24 November 2017	None	
CN 207090379 U	13 March 2018	None	
CN 206316040 U	11 July 2017	None	
CN 204818839 U	02 December 2015	None	
CN 103447209 A	18 December 2013	CN 103447209 B	25 November 2015
US 2015118011 A1	30 April 2015	CN 104590897 A	06 May 2015
CN 201792219 U	13 April 2011	None	