

INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2017/115753

A. CLASSIFICATION OF SUBJECT MATTER		
G06Q 10/08(2012.01)i; G06K 17/00(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)		
G06Q; G06K; G06F		
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, CNKI, CNPAT, IEEE, GOOGLE: 物品, 包裹, 邮件, 分拣, 区域, 机器人, article, parcel, mail, sort, region, robot		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 105858045 A (BEIJING GEEKPLUS TECHNOLOGY CO., LTD.) 17 August 2016 (2016-08-17) abstract, description, paragraphs 0094-0104, and figure 4	1-20
Y	CN 204817212 U (HANGZHOU YAMEI LIJIA TECHNOLOGY CO., LTD.) 02 December 2015 (2015-12-02) abstract, description, paragraphs 0035-0044, and figure 3	1-20
A	CN 107127775 A (ZHENGZHOU KUNBO TECHNOLOGY CO., LTD.) 05 September 2017 (2017-09-05) entire document	1-20
A	US 2012150342 A1 (ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE) 14 June 2012 (2012-06-14) entire document	1-20
<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
11 June 2018		04 July 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

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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 105858045 A	17 August 2016	None	
CN 204817212 U	02 December 2015	None	
CN 107127775 A	05 September 2017	None	
US 2012150342 A1	14 June 2012	DE 102011056026 A1 KR 20120063378 A	05 July 2012 15 June 2012