

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2018/082313

## A. CLASSIFICATION OF SUBJECT MATTER

H04L 29/08 (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)

H04L; H04W; 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)

CNABS; CNTXT; CNKI; VEN; WOTXT; EPTXT; USTXT: 任务, 作业, 空闲, 联机, 连线, 在线, 服务器, 执行, 队列, 列表, 下一个, task, workflow, idle, connect, online, server, queue, list, next

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
PX	CN 107864187 A (PING AN TECHNOLOG SHENZHEN CO., LTD.) 30 March 2018 (30.03.2018), description, paragraphs [0003]-[0116], and figures 1-6	1-20
Y	CN 101340331 A (CHINA TELECOM CORPORATION LIMITED) 07 January 2009 (07.01.2009), description, page 3, line 12 to page 4, line 24, and figures 1 and 2	1-20
Y	CN 106303610 A (WUXI TVMINING MEDIA SCIENCE & TECHNOLOGY CO., LTD.) 04 January 2017 (04.01.2017), description, paragraphs [0042]-[0081]	1-20
A	US 2014331233 A1 (ABBYY INFOPOISK LLC.) 06 November 2014 (06.11.2014), entire document	1-20

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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<p>Date of the actual completion of the international search</p> <p style="text-align: center;">25 May 2018</p>	<p>Date of mailing of the international search report</p> <p style="text-align: center;">21 June 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;">LIU, Yasha</p> <p>Telephone No. (86-512) 88996075</p>

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

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Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 107864187 A	30 March 2018	None	
CN 101340331 A	07 January 2009	CN 101340331 B	08 December 2010
CN 106303610 A	04 January 2017	None	
US 2014331233 A1	06 November 2014	RU 2013120489 A	20 November 2014
		RU 2538920 C2	10 January 2015
		US 9606839 B2	28 March 2017