

INTERNATIONAL SEARCH REPORT

International application No.
PCT/CN2017/096844

A. CLASSIFICATION OF SUBJECT MATTER

H04W 72/04 (2009.01) 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)

H04W; H04Q

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, 3GPP: 5G, 载波聚合, 反馈, 指示, 下行, 上行, 同时, 时分复用, 绑定, 能力, 信令, 确认, 信道状态信息, CA, HARQ, indication, PUCCH, PDSCH, simultaneous, TDM, bundling, capability, RRC, ACK, CSI

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	HUAWEI et al. Multiplexing of multiple HARQ-ACK feedback. 3GPP TSG RAN WG1 Meeting #89 R1-1708151. 19 May 2017 (19.05.2017), sections 1 and 2	1-56
Y	INTEL CORPORATION. HARQ aspects for carrier aggregation. 3GPP TSG RAN WG1 Meeting #89 R1-1707417. 19 May 2017 (19.05.2017), section 2	1-56
A	LG ELECTRONICS. Discussion on scheduling and HARQ for NR CA. 3GPP TSG RAN WG1 Meeting #89 R1-1707666. 19 May 2017 (19.05.2017), entire document	1-56
A	CN 102082645 A (UNIVERSITY OF ELECTRONIC SCIENCE AND TECHNOLOGY OF CHINA) 01 June 2011 (01.06.2011), entire document	1-56
A	WO 2017122959 A1 (LG ELECTRONICS INC.) 20 July 2017 (20.07.2017), entire document	1-56

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>“&”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;">09 February 2018</p>	<p>Date of mailing of the international search report</p> <p style="text-align: center;">28 March 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;">YAN, Sai</p> <p>Telephone No. (86-10) 62413293</p>

INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/CN2017/096844

Patent Documents referred in the Report	Publication Date	Patent Family	Publication Date
CN 102082645 A	01 June 2011	None	
WO 2017122959 A1	20 July 2017	None	