

# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/CN2018/075809

## A. CLASSIFICATION OF SUBJECT MATTER

H04W 76/20 (2018.01) i; H04W 76/30 (2018.01) 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; H04L

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; VEN; WOTXT; EPTXT; USTXT; CNKI; 3GPP: 移动性管理, 移动管理, 会话管理, 连接, 释放, 删除, 用户面, 去激活, 请求, 标识, 建立, 寻呼, MM, mobility management, SM, session management, U-plane, deactivate? connection, release, request, identifier, ID, paging, establish, setup

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	CN 105813079 A (CHINA ACADEMY OF TELECOMMUNICATION RESEARCH MIIT) 27 July 2016 (27.07.2016), description, paragraphs [0021]-[0093]	1-28
Y	CN 102026408 A (ZTE CORPORATION) 20 April 2011 (20.04.2011), description, paragraphs [0065]-[0072]	1-28
A	LG ELECTRONICS. SA WG2 Meeting #115, S2-162629. Control Plane Interface for MM and SM Support (Update of Solution 1.3). 17 May 2016 (17.05.2016), text, pp. 1-4	1-28
A	CN 1949924 A (HUAWEI TECHNOLOGIES CO., LTD.) 18 April 2007 (18.04.2007), entire document	1-28
A	US 2014334427 A1 (LG ELECTRONICS INC.) 13 November 2014 (13.11.2014), entire document	1-28

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;">20 March 2018</p>	<p>Date of mailing of the international search report</p> <p style="text-align: center;">16 April 2018</p>
<p>Name and mailing address of the ISA</p> <p>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</p> <p style="text-align: center;">JIA, Bin</p> <p>Telephone No. (86-10) 88996134</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 105813079 A	27 July 2016	None	
CN 102026408 A	20 April 2011	WO 2011035719 A1	31 March 2011
CN 1949924 A	18 April 2007	CN 1949924 B	07 April 2010
US 2014334427 A1	13 November 2014	KR 20140005304 A	14 January 2014
		EP 2702712 A2	05 March 2014
		EP 2702712 A4	18 November 2015
		US 2012275401 A1	01 November 2012
		WO 2012148210 A3	21 March 2013
		US 8837408 B2	16 September 2014
		US 2016338027 A1	17 November 2016
		US 9414377 B2	09 August 2016
		US 9148882 B2	29 September 2015
		KR 1479895 B1	06 January 2015
		US 9674830 B2	06 June 2017
		WO 2012148210 A2	01 November 2012
		US 2015382331 A1	31 December 2015