

## INTERNATIONAL SEARCH REPORT

International application No.

PCT/CN2019/110148

| <b>A. CLASSIFICATION OF SUBJECT MATTER</b>   |  |  |
|--|--|--|
| H04W 24/04(2009.01)i   |  |  |
| According to International Patent Classification (IPC) or to both national classification and IPC  |  |  |
| <b>B. FIELDS SEARCHED</b>  |  |  |
| Minimum documentation searched (classification system followed by classification symbols)  |  |  |
| H04W; H04Q; 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)   |  |  |
| CNPAT, CNKI, WPI, EPODOC, 3GPP: 接入网, 配置, 设置, 树, 层, 设备, 承载, 托管, 被管, 可管, 管理, 元素, 实体, 元件, 网元, 切片, 分片, 关联, 对应, 相应, 关系, 联系, 调用, 映射, 绑定, 引用, 控制面功能, 用户面功能, 基带处理功能, 射频处理功能, 集中单元, 分布式单元, 控制面集中单元, 用户面集中单元, 无线电处理单元, 基带处理单元, 分布式无线接入网, 功能, 虚拟, RAN, configur+, tree, layer, managed, element, managedelement, ME, slice, relat+, map+, bind+, CPF, DPF, BPF, RPF, CU, DU, RPU, BPU, DRAN, function   |  |  |
| <b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>  |  |  |
| Category*  | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No.                              |
| A  | CN 106550410 A (HUAWEI TECHNOLOGIES CO., LTD.) 29 March 2017 (2017-03-29)<br>description, paragraphs [0007]-[0109]   | 1-17   |
| A  | EP 2257002 A1 (ALCATEL LUCENT, INC.) 01 December 2010 (2010-12-01)<br>entire document  | 1-17   |
| A  | 3GPP. "3rd Generation Partnership Project; Technical Specification Group Services and System Aspects; Telecommunication Management"<br><i>3GPP TS 28.622 V15.1.0</i> , 30 June 2018 (2018-06-30),<br>entire document | 1-17   |
| A  | ERICSSON. "Slice Management MModelling"<br><i>3GPP TSG SA WG5 (Telecom Management) Meeting #114 S5-174205</i> ,<br>25 August 2017 (2017-08-25),<br>entire document   | 1-17   |
| <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:<br>"A" document defining the general state of the art which is not considered to be of particular relevance<br>"E" earlier application or patent but published on or after the international filing date<br>"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)<br>"O" document referring to an oral disclosure, use, exhibition or other means<br>"P" document published prior to the international filing date but later than the priority date claimed<br>"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<br>"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<br>"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<br>"&" 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 December 2019   |  | 14 January 2020                                    |
| Name and mailing address of the ISA/CN   |  | Authorized officer                                 |
| <b>China National Intellectual Property Administration (ISA/CN)</b><br><b>No. 6, Xitucheng Road, Jimenqiao Haidian District, Beijing 100088</b><br><b>China</b>  |  |  |
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**INTERNATIONAL SEARCH REPORT**  
**Information on patent family members**

International application No.

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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                                     | 106550410 | A  | 29 March 2017                     | US                      | 2018206152 | A1 | 19 July 2018                      |
|  |           |    |                                   | EP                      | 3343978    | A1 | 04 July 2018                      |
|  |           |    |                                   | WO                      | 2017045530 | A1 | 23 March 2017                     |
| <hr/>                                  |           |    |                                   |                         |            |    |                                   |
| EP                                     | 2257002   | A1 | 01 December 2010                  | None                    |            |    |                                   |
| <hr/>                                  |           |    |                                   |                         |            |    |                                   |