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- (81) **Designated States** (*unless otherwise indicated, for every
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BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM,
DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT,
HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR,
KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME,
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OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA,
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[Continued on next page]

- (54) **Title:** APPLICATION TRAFFIC PAIRING

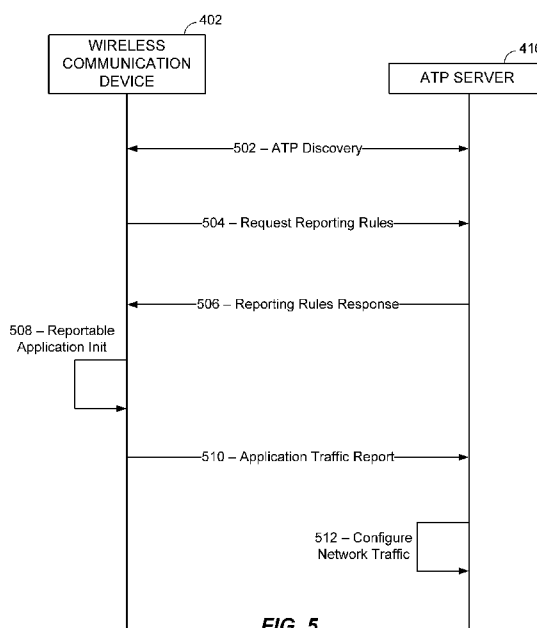


FIG. 5

- (57) **Abstract:** Systems, devices, and methods for reporting information in real time about traffic generated by each application for a device are described. In one aspect, the network can configure a list of applications user equipment (UE) devices need to report traffic information for and then when one of these applications starts a communication, the UE may send traffic descriptor(s) describing the traffic generated by the application. In this way the network can accurately identify the traffic and take actions based on UE report and local policy or subscription.

**Declarations under Rule 4.17:**

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

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INV. H04L12/26 H04L29/08 G06F11/34
ADD.

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 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)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2011/219426 A1 (KIM YUSUN [US] ET AL RILEY YUSUN KIM [US] ET AL) 8 September 2011 (2011-09-08) paragraphs [0005], [0014], [0016] - [0020], [0024] - [0026] figure 2 tables 1,2	1-30
X	US 2010/332649 A1 (PROULX DENIS ARMAND [CA] ET AL) 30 December 2010 (2010-12-30) paragraphs [0001], [0018], [0019], [0035], [0037], [0042], [0048] - [0053] ----- -/--	1,2,4,6, 7,11,12, 15,16, 18, 20-22, 25,27, 29,30



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents :

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"P" document published prior to the international filing date but later than the priority date claimed

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2013/077491 A1 (CHERIAN GEORGE [US] ET AL) 28 March 2013 (2013-03-28) paragraphs [0059], [0072], [0075], [0076]	1,11,18,25
A	----- ORANGE: "Correction on charging requirements at PCEF", 3GPP DRAFT; S2-130418 - REL-12 CR 23203 ON CHARGING REQUIREMENTS AT PCEF, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX , vol. SA WG2, no. Prague, Czech Republic; 20130128 - 20130201 22 January 2013 (2013-01-22), XP050684950, Retrieved from the Internet: URL:http://www.3gpp.org/ftp/tsg_sa/WG2_Arch/TSGS2_95_Prague/Docs/[retrieved_on 2013-01-22] section 6.1.2	1-30
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2014/033046

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