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(54) **Title:** METHODS, APPARATUSES AND COMPUTER PROGRAMS FOR ESTABLISHING AN EMERGENCY SESSION BETWEEN A UE AND A PSAP RELATING TO EMERGENCY SUB-SERVICES

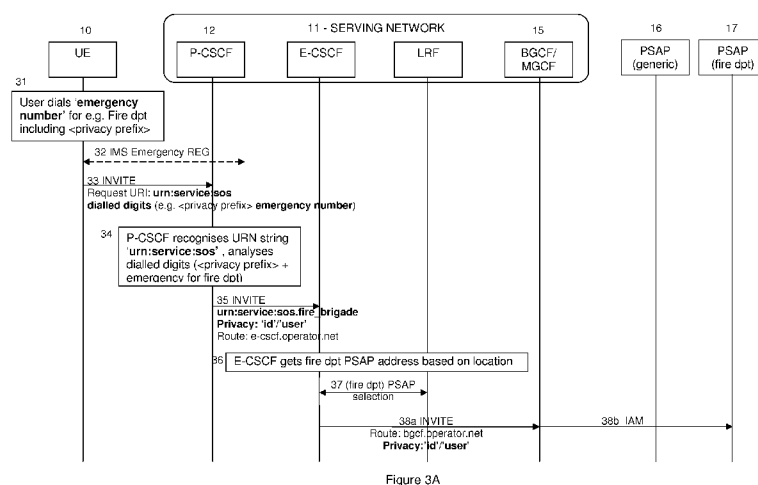


Figure 3A

(57) **Abstract:** Embodiments provide a method of establishing an emergency session between a UE accessing an IMS network, and an emergency service centre. The emergency service centre (or PSAP) relates to one of a plurality of emergency sub-services. A session initiation request, sent from the UE to the IMS, includes the dialled digits of an emergency number. The digits of the dialled emergency number are analysed, to determine a corresponding emergency sub-service. The session establishment request is then routed to an emergency service centre of the corresponding emergency sub-service.

## INTERNATIONAL SEARCH REPORT

International application No

PCT/EP2013/058794

## A. CLASSIFICATION OF SUBJECT MATTER

INV. H04W4/22

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)

H04W

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)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Relevant to claim No. |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| X         | <p>RESEARCH IN MOTION: "Correction to emergency service request",<br/> 3GPP DRAFT; C1-082335-24.229-841-PSAPS,<br/> 3RD GENERATION PARTNERSHIP PROJECT (3GPP),<br/> MOBILE COMPETENCE CENTRE ; 650, ROUTE DES<br/> LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX<br/> ; FRANCE,<br/> vol. CT WG1, no. Zagreb, Croatia;<br/> 20080615, 15 June 2008 (2008-06-15),<br/> XP050029609,<br/> [retrieved on 2008-06-15]<br/> paragraphs [Reason] - [Summary]<br/> paragraphs [5.1.6.8.1] - [5.1.6.8.3]<br/> paragraphs [5.2.10.1] - [5.2.10.3]<br/> paragraph [5.11.1]<br/> -----<br/> -/-</p> | 1-19                  |



Further documents are listed in the continuation of Box C.



See patent family annex.

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## INTERNATIONAL SEARCH REPORT

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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,P                                                  | <p>NTT DOCOMO: "Discussion on IMS Emergency Call",<br/>3GPP DRAFT;<br/>C1-122156 WAS C1-121871 IMS EMERGENCY_DISC<br/>, 3RD GENERATION PARTNERSHIP PROJECT<br/>(3GPP), MOBILE COMPETENCE CENTRE ; 650,<br/>ROUTE DES LUCIOLES ; F-06921<br/>SOPHIA-ANTIPOLIS CEDEX ; FRANCE,<br/>vol. CT WG1, no. Kyoto; 20120521 -<br/>20120525, 29 May 2012 (2012-05-29),<br/>XP050588354,<br/>[retrieved on 2012-05-29]<br/>pages 2-5</p> <p style="text-align: center;">-----</p>                                                                                                                                                       | 1-16                  |
| A                                                    | <p>SCHULZRINNE COLUMBIA U H: "A Uniform<br/>Resource Name (URN) for Emergency and<br/>Other Well-Known Services; rfc5031.txt",<br/>1 January 2008 (2008-01-01), 20080101,<br/>XP015055103,<br/>ISSN: 0000-0003<br/>paragraphs [001.], [4.2.] - [4.3.]</p> <p style="text-align: center;">-----</p>                                                                                                                                                                                                                                                                                                                          | 1-19                  |
| A                                                    | <p>"3rd Generation Partnership Project;<br/>Technical Specification Group Services and<br/>System Aspects; IP Multimedia Subsystem<br/>(IMS) emergency sessions (Release 11)",<br/>3GPP STANDARD; 3GPP TS 23.167, 3RD<br/>GENERATION PARTNERSHIP PROJECT (3GPP),<br/>MOBILE COMPETENCE CENTRE ; 650, ROUTE DES<br/>LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX<br/>; FRANCE,<br/>vol. SA WG2, no. V11.4.0,<br/>8 March 2012 (2012-03-08), pages 1-42,<br/>XP050555323,<br/>[retrieved on 2012-03-08]<br/>paragraphs [0006] - [6.2.2]<br/>paragraphs [0007] - [7.1.2]; figure 7.1</p> <p style="text-align: center;">-----</p> | 1-19                  |