

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
16 July 2009 (16.07.2009)

PCT

(10) International Publication Number
WO 2009/086939 A1

(51) International Patent Classification:

H04L 29/08 (2006.01) *H04W 80/10* (2009.01)

H04W 8/06 (2009.01) *H04L 29/06* (2006.01)

(21) International Application Number:

PCT/EP2008/050305

(22) International Filing Date: 11 January 2008 (11.01.2008)

(25) Filing Language:

English

(26) Publication Language:

English

(71) Applicant (for all designated States except US): **TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)**
[SE/SE]; S-164 83 Stockholm (SE).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **VAN ELBURG, Johannes** [NL/NL]; Hagebeemd 5, NL-4907 DM Oosterhout (NL).

(74) Agent: **MITCHELL, Matthew**; Marks & Clerk LLP, 4220 Nash Court, Oxford Business Park South, Oxford Oxfordshire OX4 2RU (GB).

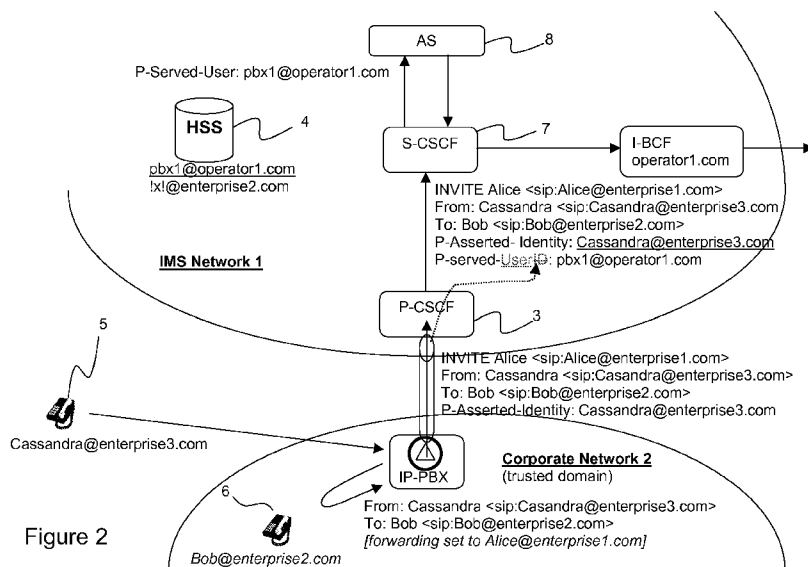
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(54) Title: MESSAGE HANDLING IN AN IP MULTIMEDIA SUBSYSTEM



(57) Abstract: A method and apparatus for handling a Session Initiation Protocol communication in an IP Multimedia Subsystem (IMS) network. A Proxy Call Session Control Function (3) receives a Session Initiation Protocol message sent from a trusted remote network. The P-CSCF (3) adds to the message a further header, which identifies a Public User Identity of a trusted entity located in the remote network served by a Serving Call Session Control Function (7) in the IMS network. The message is then sent to the S-CSCF (7). The S-CSCF (7), and any other node that the message is sent to, knows from the presence of the furtherheader to use the Public User Identity of the trusted entity to determine the served user rather than the P-Asserted Identity contained in the SIP message.