

Title (en)
INTERNETWORKING FOR CIRCUIT SWITCHED FALLBACK-NETWORK INITIATED USSD REQUEST/NOTIFICATION PROCEDURE MOBILE-TERMINATED LOCATION REQUEST PROCEDURE PROVIDE SUBSCRIBER INFORMATION PROCEDURE

Title (de)
VERNETZUNG FÜR LEITUNGSVERMITTELTEN FALLBACK- NETZWERKINITIIERTES USSD-ANFRAGE-/MELDEVERFAHREN, PER MOBILFUNK ABGESCHLOSSENES ORTSANFRAGEVERFAHREN, VERFAHREN ZUR BEREITSTELLUNG VON TEILNEHMERINFORMATIONEN

Title (fr)
INTERCONNEXION DE RÉSEAUX POUR REPLI SUR COMMUTATION DE CIRCUITS, PROCÉDÉ DE REQUÊTE/NOTIFICATION USSD À L'INITIATIVE DU RÉSEAU, PROCÉDÉ DE REQUÊTE DE LOCALISATION À DESTINATION D'UN MOBILE ET PROCÉDÉ DE FOURNITURE D'INFORMATIONS D'ABONNÉ

Publication
EP 2856792 A4 20151223 (EN)

Application
EP 12877142 A 20120815

Priority
• US 2012039641 W 20120525
• IN 2412CH2012 A 20120618
• US 2012051001 W 20120815

Abstract (en)
[origin: WO2013176692A1] A method for switch user equipment from a Long Term Evolution system to a Circuit Switched system when receiving a voice call is disclosed. The method may comprise: receiving, at an IWF (Internet Working Function) network node, a Mobility Application Part Unstructured Supplementary Service Data (MAP USSD) message identifying a User Equipment (UE) originated from a USSD application, the UE associated with a first Mobile Switching Center (MSC); initiating Circuit Switched Fallback (CSFB) by sending a paging request to the UE; receiving a Cancel Location message associated with the UE from a Home Location Register (HLR) indicative of the UE being associated with a second MSC; forwarding the MAP USSD message to the UE via the HLR and the second MSC; receiving a MAP USSD response message from the UE via the HLR; and forwarding the MAP USSD response message to the USSD application.

IPC 8 full level
H04W 8/04 (2009.01); **H04W 8/10** (2009.01); **H04W 36/00** (2009.01); **H04W 36/38** (2009.01); **H04W 68/00** (2009.01)

CPC (source: CN EP KR US)
H04W 4/14 (2013.01 - KR); **H04W 8/10** (2013.01 - KR); **H04W 36/00224** (2023.05 - CN EP KR US); **H04W 68/02** (2013.01 - KR); **H04W 8/10** (2013.01 - CN EP); **H04W 68/00** (2013.01 - CN EP)

Citation (search report)
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• [X] WO 2012045377 A1 20120412 - ERICSSON TELEFON AB L M [SE], et al
• [A] WO 2008055913 A1 20080515 - ERICSSON TELEFON AB L M [SE], et al
• [A] US 2008207181 A1 20080828 - JIANG JOHN YUE JUN [US]
• [A] WO 2011097170 A1 20110811 - RESEARCH IN MOTION LTD [CA], et al
• [A] WO 2011130904 A1 20111027 - HUAWEI TECH CO LTD [CN], et al
• [T] "Digital cellular telecommunications system (Phase 2+); Universal Mobile Telecommunications System (UMTS); LTE; Circuit Switched (CS) fallback in Evolved Packet System (EPS); Stage 2 (3GPP TS 23.272 version 10.7.0 Release 10)", 1 March 2012, TECHNICAL SPECIFICATION, EUROPEAN TELECOMMUNICATIONS STANDARDS INSTITUTE (ETSI), 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS ; FRANCE, XP014069849
• [T] "3rd Generation Partnership Project; Technical Specification Group Core Network and Terminals; Mobile Application Part (MAP) specification (Release 11)", 8 March 2012, 3GPP STANDARD; 3GPP TS 29.002, 3RD GENERATION PARTNERSHIP PROJECT (3GPP), MOBILE COMPETENCE CENTRE ; 650, ROUTE DES LUCIOLES ; F-06921 SOPHIA-ANTIPOLIS CEDEX ; FRANCE, PAGE(S) 1 - 956, XP050580531
• See also references of WO 2013176692A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
WO 2013176692 A1 20131128; AU 2012381036 A1 20150122; AU 2012381036 B2 20170629; BR 112014029399 A2 20170627; CL 2014003203 A1 20150724; CN 104509150 A 20150408; CN 104509150 B 20180504; EA 201401318 A1 20150430; EP 2856792 A1 20150408; EP 2856792 A4 20151223; JP 2015521005 A 20150723; JP 6115972 B2 20170419; KR 20150028779 A 20150316; MX 2014014406 A 20150623; MX 346933 B 20170405; ZA 201409360 B 20151125

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