Title (en)

NETWORK BASED DETECTION AND MITIGATION OF HYBRID CLIENT DEVICE RECEPTION OUTAGE EVENTS

Title (de)

NETZWERKBASIERTE ERKENNUNG UND NACHWEIS VON EMPFANGSAUSFÄLLEN HYBRIDER CLIENT-VORRICHTUNGEN

Title (fr)

DÉTECTION ET LIMITATION, BASÉES SUR LE RÉSEAU, D'ÉVÈNEMENTS DE COUPURE DE RÉCEPTION DE DISPOSITIF CLIENT HYBRIDE

Publication

EP 2832174 A1 20150204 (EN)

Application

EP 13733094 A 20130326

Priority

- US 201261685891 P 20120326
- US 2013033939 W 20130326

Abstract (en)

[origin: TW201345283A] Methods and apparatus for network-based detection and mitigation of hybrid client device reception outage events. For example, in one embodiment, a cellular device uses a single-radio solution to support circuit-switched calls on a CDMA 1X network and packet-switched calls on LTE. Periodically, the cellular device tunes away from LTE and monitors CDMA 1X activity, and vice versa. During these tuned-away periods, the network adjusts operation to mitigate adverse effects (e.g., underutilization of radio resources, synchronization loss, etc.).

IPC 8 full level

H04L 1/00 (2006.01); **H04W 72/12** (2009.01); **H04W 76/02** (2009.01); **H04W 88/06** (2009.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2013148728A1

Citation (examination)

- US 2012020229 A1 20120126 - DAYAL PRANAV [US], et al
- RALF KREHER AND KARSTEN GAENGER: "LTE Signaling,Troubleshooting and Optimization", 16 December 2010, WILEY, ISBN: 9780470977712

Designated contracting state (EPC)

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Designated extension state (EPC)

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