

Title (en)

RADIO OR NETWORK EVALUATION FOR SELECTION BASED ON MEASUREMENTS USING APPLICATION LAYER PROTOCOLS AT A MOBILE DEVICE

Title (de)

RUNDFUNK- ODER NETZWERKBEURTEILUNG FÜR AUSWAHL AUF DER BASIS VON MESSUNGEN MIT ANWENDUNGSSCHICHTPROTOKOLLEN BEI EINER MOBILEN VORRICHTUNG

Title (fr)

ÉVALUATION DE RADIOS OU DE RÉSEAUX POUR SÉLECTION, SUR LA BASE DE MESURES UTILISANT DES PROTOCOLES DE COUCHE APPLICATION SUR UN DISPOSITIF MOBILE

Publication

EP 3005781 A4 20161214 (EN)

Application

EP 14807079 A 20140606

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- US 201414195758 A 20140303
- US 2014041429 W 20140606

Abstract (en)

[origin: WO2014197878A1] In one embodiment, a method comprises measuring a set of parameters for each of the available networks using an application layer protocol (e.g., HTTP). The method further comprises determining an overall quality level for each of the available networks based on the parameters, and choosing the network based on the overall quality level. In some embodiments, the set of parameters are measured by communicating with each of a plurality of predetermined servers within a respective network. Among other advantages, embodiments disclosed herein enable a quantified approach to user experience estimation and application-level Quality of Experience (QoE) measurements, which can serve as bases for selection of radios for the applications.

IPC 8 full level

H04W 48/18 (2009.01); **H04W 88/06** (2009.01)

CPC (source: EP)

H04W 48/18 (2013.01); **H04L 67/568** (2022.05); **H04W 88/06** (2013.01)

Citation (search report)

- [X] US 2012184277 A1 20120719 - HILTUNEN JOUNI [FI], et al
- [XA] WO 2008155444 A1 20081224 - ELEKTROBIT WIRELESS COMM OY [FI], et al
- [XA] EP 1531646 A1 20050518 - RESEARCH IN MOTION LTD [CA]
- See references of WO 2014197878A1

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US11509747B2

Designated contracting state (EPC)

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