Title (en)

A METHOD AND SYSTEM FOR REAL-TIME NETWORK LINK BUDGET ANALYSIS

Title (de)

VERFAHREN UND SYSTEM ZUR ECHTZEIT-ANALYSE VON NETZWERK FUNKVERBINDUNGSBUDGETS

Title (fr)

PROCÉDÉ ET SYSTÈME POUR ANALYSE DE BUDGET DE LIAISON DE RÉSEAU

Publication

EP 2772022 A4 20150401 (EN)

Application

EP 13743110 A 20130131

Priority

- US 201261592948 P 20120131
- US 201213437767 A 20120402
- US 2013024207 W 20130131

Abstract (en)

[origin: WO2013116557A1] Methods of dynamically modeling performance of a communications network that may include modeling a communications network using a processor by performing a link budget analysis (LBA) for a configuration of the communications network, receiving a plurality of layers of real-time information about the communications network, iteratively performing additional LBAs using one or more of the layers of real-time information from among the plurality of layers of real-time information, multi-dimensionally co-modeling a matrix comprising results of the iteratively performed additional LBAs, and determining one or more final communications network configuration parameters based on the multi-dimensionally co-modeled matrix.

IPC 8 full level

H04L 12/24 (2006.01); **G06F 17/00** (2006.01); **H04L 12/26** (2006.01); **H04W 24/00** (2009.01)

CPC (source: EP)

H04L 41/145 (2013.01); **H04W 16/22** (2013.01); H04W 24/02 (2013.01)

Citation (search report)

- [A] US 2005157652 A1 20050721 - TANG HAI Q [US], et al
- [A] US 2006198358 A1 20060907 - BECKWITH REYNOLDS W [US], et al
- [A] WO 2009055838 A1 20090507 - UHS SYSTEMS PTY LTD [AU], et al
- [A] US 2012005326 A1 20120105 - BRADETICH RYAN [US], et al
- See references of WO 2013116557A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

US 2013024207 W 20130131; EP 13743110 A 20130131