Title (en)
METHOD AND SYSTEM FOR THE DYNAMIC ADAPTATION OF SERVICE QUALITY METRICS IN AN AD HOC NETWORK

Title (de)
VERFAHREN UND SYSTEM ZUR DYNAMISCHEN ANPASSUNG VON DIENSTGÜTEMETRIKEN IN EINEM AD-HOC-NETZWERK

Title (fr)
PROCEDE ET SYSTEME D'ADAPTATION DYNAMIQUE DE METRIQUE DE QUALITE DE SERVICE DANS UN RESEAU AD HOC

Publication
EP 1817880 A1 20070815 (FR)

Application
EP 05818916 A 20051130

Priority
• FR 2005051010 W 20051130
• FR 0412733 A 20041201

Abstract (en)
[origin: FR2878674A1] The method involves determining a metric of quality of service to be applied, at a given instant, based on the quality of service available on an ad hoc network and/or on the quality of service requested by applications. The metric is transmitted to a part of nodes of the network. A routing table (1121) of the nodes is updated by a metrics handler (111) according to the instantaneous metric of quality of service. Independent claims are also included for the following: (A) a computer program comprising instructions for executing a method of dynamic adaptation of metrics of quality of service (B) a recording medium on which the program is stored (C) a quality of service metric dynamic management system.

IPC 8 full level
H04L 12/56 (2006.01)

CPC (source: EP US)
H04L 45/00 (2013.01 - US); **H04L 45/123** (2013.01 - EP US); **H04L 45/302** (2013.01 - EP US); **H04L 45/566** (2013.01 - EP US); **H04L 47/10** (2013.01 - US); **H04W 8/04** (2013.01 - US); **H04W 28/021** (2013.01 - EP); H04W 40/12 (2013.01 - EP US); H04W 40/248 (2013.01 - EP US)

Citation (search report)
See references of WO 2006059040A1

Citation (examination)
REYNAUD L ET AL: "An open architecture that manages quality of service within reinforced ad hoc networks", WIRELESS AD-HOC NETWORKS, 2004 INTERNATIONAL WORKSHOP ON OULU, FINLAND MAY 31 - JUNE 3, 2004, PISCATAWAY, NJ, USA,IEEE, 31 May 2004 (2004-05-31), pages 217 - 222, XP010846712, ISBN: 978-0-7803-8275-6

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2878674 A1 20060602; CN 101069392 A 20071107; CN 101069392 B 20120815; EP 1817880 A1 20070815; US 2009122748 A1 20090514; WO 2006059040 A1 20060608

DOCDB simple family (application)
FR 0412733 A 20041201; CN 200580041443 A 20051130; EP 05818916 A 20051130; FR 2005051010 W 20051130; US 79201605 A 20051130