

Title (en)

ACCESS CONTROL TO A DATA NETWORK TO ENSURE QUALITY OF SERVICE

Title (de)

ZULASSUNGSSTEUERUNG ZU EINEM DATENNETZWERK FÜR DIE GARANTIE VON DER DIENSTQUALITÄT

Title (fr)

CONTROLE D'ADMISSION A UN RESEAU DE DONNEES POUR L'ASSURANCE DE LA QUALITE DE SERVICE

Publication

EP 1451986 A1 20040901 (FR)

Application

EP 02796870 A 20021125

Priority

- FR 0204029 W 20021125
- FR 0115428 A 20011129

Abstract (en)

[origin: FR2832889A1] The invention concerns an access controller (AC) to a data network (N) including a set of boundary equipment (R<sb>1</sb>), characterized in that it comprises: receiver means for receiving quality of service requests associated with packet flows; verification means for verifying whether said request can be fulfilled by internal resources of the network; transmission means for transmitting to the boundary equipment corresponding to the request, a message authorizing or inhibiting transmission of the associated packet flow.

[origin: FR2832889A1] The admission control (AC) to a digital word network (N) has an assembly of frontier equipment (R1). A receiver receives service quality requests. A verifier checks the service quality is satisfied by the internal resources of the digital network. A packet stream authorization message or prevention is then passed to the frontier equipment corresponding to the service quality request.

IPC 1-7

H04L 12/56; **H04L 29/06**

IPC 8 full level

H04L 12/54 (2013.01); **H04L 47/724** (2022.01); **H04L 47/80** (2022.01)

CPC (source: EP US)

H04L 45/302 (2013.01 - EP US); **H04L 47/15** (2013.01 - EP US); **H04L 47/70** (2013.01 - EP US); **H04L 47/724** (2013.01 - EP US); **H04L 47/805** (2013.01 - EP US); **H04L 47/822** (2013.01 - EP US)

Citation (search report)

See references of WO 03047186A1

Citation (examination)

YAVATKAR R. ET AL: "A Framework for Policy-based Admission Control", IETF STANDARD, January 2000 (2000-01-01), INTERNET ENGINEERING TASK FORCE, IETF, CH, XP015008536

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

FR 2832889 A1 20030530; **FR 2832889 B1 20040227**; CN 100367732 C 20080206; CN 1611042 A 20050427; EP 1451986 A1 20040901; US 2005041576 A1 20050224; WO 03047186 A1 20030605

DOCDB simple family (application)

FR 0115428 A 20011129; CN 02826606 A 20021125; EP 02796870 A 20021125; FR 0204029 W 20021125; US 49702804 A 20040528