

Title (en)

MARKING OF A DATAGRAM TRANSMITTED OVER AN IP NETWORK AND TRANSMISSION OF ONE SUCH DATAGRAM

Title (de)

MARKIERUNG EINES ÜBER EIN IP-NETZWERK GESENDETEN DATAGRAMS UND ÜBERTRAGUNG EINES SOLCHEN DATAGRAMS

Title (fr)

MARQUAGE D'UN DATAGRAMME TRANSMIS DANS UN RESEAU IP ET TRANSMISSION D'UN TEL DATAGRAMME

Publication

**EP 1766889 A1 20070328 (FR)**

Application

**EP 04805663 A 20041208**

Priority

- FR 2004003157 W 20041208
- FR 0315470 A 20031226

Abstract (en)

[origin: WO2005071902A1] The invention relates to a method of marking a datagram (20-22) that is transmitted over an IP-type communication network by routers (4, 5), comprising the inclusion of references in the fields of the datagram (FFIV). According to the invention, when a datagram (20, 22) is received by a router (5), the router reads a reference entered in the datagram and searches for said reference in a reference table stored inside the router. If the read reference is not contained in the reference table, the router selects a new reference from the table. The references can correspond to routes between the router and a datagram receiving terminal. The selection of a route reference can take account of a charge rate value assigned to said route.

IPC 8 full level

**H04L 12/56** (2006.01)

CPC (source: EP US)

**H04L 45/00** (2013.01 - EP US)

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2005071902 A1 20050804**; EP 1766889 A1 20070328; US 2007140265 A1 20070621

DOCDB simple family (application)

**FR 2004003157 W 20041208**; EP 04805663 A 20041208; US 58423604 A 20041208