

Title (en)

BIDDING FOR TELECOMMUNICATIONS TRAFFIC OVER ROUTE SEGMENTS

Title (de)

ANBIETEN VON FERNMELDEVERBINDUNGEN ÜBER LEITWEGABSCHNITTE

Title (fr)

SYSTEME D'ADJUDICATION DE TRAFIC DE TELECOMMUNICATIONS SUR DES TRONCONS D'ACHEMINEMENT

Publication

**EP 1053627 A1 20001122 (EN)**

Application

**EP 98964717 A 19981223**

Priority

- US 9826234 W 19981223
- US 6888897 P 19971226
- US 310798 A 19980106
- US 1060998 A 19980122

Abstract (en)

[origin: WO9934584A1] Telecommunications switches (S1-Sn, 3) route calls in accordance with economic incentives (e.g., least cost routing) resulting from an auction process between participating telecommunications carriers (C1-Cn, 2) by operation of a central moderator processor (1). Each of the carriers (C1-Cn, 2) informs the moderator (1) of the rate it is willing to charge for service at a particular time between two switching points defining a route segment. The moderator (1) collects bid information from all the carriers (C1-Cn, 2) processing the bid information, transmits bid information to participating carriers' (C1-Cn, 2), network management centers, and transmits carrier selection data to the subscribing switches (S1-Sn-3). The carriers (C1-Cn, 2) may change their bids as often as they like. A subscribing switch (S1-Sn, 3) can route traffic to those carriers (C1-Cn, 2) offering the best economic incentives and can change such routing decisions at any time.

IPC 1-7

**H04M 3/42**; H04M 7/00; H04M 15/00

IPC 8 full level

**H04M 3/42** (2006.01); **H01L 21/768** (2006.01); **H04M 7/00** (2006.01); **H04M 15/16** (2006.01); **H04Q 3/66** (2006.01)

CPC (source: EP)

**H04M 15/49** (2013.01); **H04Q 3/66** (2013.01); **H04M 2215/46** (2013.01)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9934584 A1 19990708**; AU 1997899 A 19990719; BR 9814399 A 20001010; EP 1053627 A1 20001122; EP 1053627 A4 20041027; JP 2002500474 A 20020108

DOCDB simple family (application)

**US 9826234 W 19981223**; AU 1997899 A 19981223; BR 9814399 A 19981223; EP 98964717 A 19981223; JP 2000527077 A 19981223