

Title (en)

METHOD AND NETWORK ELEMENT FOR REROUTING TRAFFIC, WHILE MAINTAINING THE QUALITY OF SERVICE, IN NETWORKS WITH SLOW ROUTE CONVERGENCE

Title (de)

VERFAHREN UND NETZELEMENT FÜR EIN DIE DIENSTGÜTE ERHALTENDES UMROUTEN VON VERKEHR IN NETZEN MIT LANGSAMER ROUTENKONVERGENZ

Title (fr)

PROCEDE ET ELEMENT RESEAU DESTINES A LA DEVIATION DE TRAFIC, AVEC CONSERVATION DE LA QUALITE DE SERVICE, DANS DES RESEAUX A CONVERGENCE DE ROUTE LENTE

Publication

**EP 1774730 A1 20070418 (DE)**

Application

**EP 05777989 A 20050729**

Priority

- EP 2005053718 W 20050729
- DE 102004037024 A 20040730

Abstract (en)

[origin: WO2006013191A1] According to the invention, a route for routing traffic is established by the emission of a route announcing message to a network element (R62) of a network (AS6). The network element (R62) is then triggered in such a way as to route the traffic according to the route announced in a time-delayed manner by means of an event e.g. the emission of another message. A resource reservation for routing traffic along the announced route is carried out between the route announced and the event. In this way, it is ensured that the required resources are provided for the deviation of traffic onto the new route, and a route modification for traffic can be carried out without affecting the quality of service.

IPC 8 full level

**H04L 12/54** (2013.01)

CPC (source: EP US)

**H04L 45/02** (2013.01 - US); **H04L 45/023** (2013.01 - EP US); **H04L 45/033** (2022.05 - EP); **H04L 45/04** (2013.01 - EP US); **H04L 45/22** (2013.01 - EP US); **H04L 45/28** (2013.01 - EP US); **H04L 45/302** (2013.01 - EP US); **H04L 47/70** (2013.01 - US); **H04L 47/724** (2013.01 - EP US); **H04L 47/785** (2013.01 - EP US); **H04L 47/805** (2013.01 - EP US); **H04L 47/826** (2013.01 - EP US); **H04L 47/83** (2022.05 - EP)

Citation (search report)

See references of WO 2006013191A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**WO 2006013191 A1 20060209**; CN 1993942 A 20070704; DE 102004037024 A1 20060323; DE 102004037024 B4 20060713; EP 1774730 A1 20070418; US 2008098127 A1 20080424

DOCDB simple family (application)

**EP 2005053718 W 20050729**; CN 200580025928 A 20050729; DE 102004037024 A 20040730; EP 05777989 A 20050729; US 63290305 A 20050729