Title (en)

METHOD AND SYSTEM FOR ROUTING DATA PACKETS IN A PACKET SWITCHING DATA NETWORK

Title (de)

VERFAHREN UND ANORDNUNG ZUM ROUTING VON DATENPAKETEN IN EINEM PAKETVERMITTELNDEN DATENNETZ

Title (fr)

PROCEDE ET DISPOSITIF POUR ACHEMINER DES PAQUETS DE DONNEES DANS UN RESEAU DE DONNEES A COMMUTATION PAR PAQUETS

Publication

EP 1584161 A1 20051012 (DE)

Application

EP 03720211 A 20030319

Priority

- DE 0300912 W 20030319
- DE 10301265 A 20030115

Abstract (en)

[origin: DE10301265A1] The data packet routing method uses a routing table at a network node (R1,R2,R3) for providing 2 alternate transmission paths (L12; L13,L32) with respective traffic distribution weightings for a data packet target address, with transmission of the data packet via the transmission path with the maximum traffic distribution weighting and transmission of the data packet with the transmission path with the minimum traffic distribution weighting upon failure of the first transmission path. An Independent claim for a network node for a packet-oriented data network is also included.

IPC 1-7

H04L 12/56; H04L 29/14

IPC 8 full level

H04L 12/56 (2006.01); **H04L 12/701** (2013.01); **H04L 12/703** (2013.01); **H04L 12/705** (2013.01); **H04L 12/707** (2013.01); **H04L 45/18** (2022.01); **H04L 45/24** (2022.01); **H04L 45/28** (2022.01); **H04L 69/40** (2022.01)

CPC (source: EP US)

H04L 45/00 (2013.01 - US); **H04L 45/18** (2013.01 - EP US); **H04L 45/22** (2013.01 - EP US); **H04L 45/24** (2013.01 - EP US); **H04L 45/243** (2022.05 - EP); **H04L 45/28** (2013.01 - EP US)

Citation (search report)

See references of WO 2004071028A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 10301265 A1 20040729; BR 0317992 A 20051206; CN 100469044 C 20090311; CN 1729656 A 20060201; EP 1584161 A1 20051012; PL 378219 A1 20060320; US 2006168317 A1 20060727; US 7987288 B2 20110726; WO 2004071028 A1 20040819

DOCDB simple family (application)

DE 10301265 A 20030115; BR 0317992 A 20030319; CN 03825808 A 20030319; DE 0300912 W 20030319; EP 03720211 A 20030319; PL 37821903 A 20030319; US 54211605 A 20050712