Title (en)

DISTRIBUTED ROUTER OF CONNECTIONLESS PACKETS OVER CONNECTION ORIENTED NETWORKS

Publication

EP 0442936 A4 19921209 (EN)

Application

EP 89912760 A 19891110

Priority

AU PJ139688 A 19881110

Abstract (en)

[origin: WO9005419A1] A network for routing datagrams which include at least one segment, the network comprising at least one segment switching means (101 ... 104) and a plurality of routers (111 ... 130) connected between the switching means (101 ... 104) and a plurality of terminals (91 ... 98) and adapted to process data in a datagram transferred from a first terminal (91) so as to pass the datagram from a first router (111) to a second router (118) via the switching means (101 ... 104) and pass the datagram from the second router (118) to a second terminal (96). A method of routing datagrams is also provided with the datagrams being routed through a hierarchical arrangement of switching means on the basis of their final destination addresses. A router for connecting the switching means and processing the final destination address to enable transfer of datagrams across the network is also provided.

IPC 1-7

H04L 12/56

IPC 8 full level

H04L 12/715 (2013.01); H04L 12/70 (2013.01)

CPC (source: EP)

H04L 45/04 (2013.01); H04L 2012/5645 (2013.01)

Citation (search report)

- EP 0260043 A2 19880316 - AMERICAN TELEPHONE & TELEGRAPH [US]
- PROCEEDINGS OF THE IEEE, vol. 71, no. 12, December 1983, pages 1365-1371, IEEE, New York, US; A. LYMAN CHAPIN: "Connections and connectionless data transmission"
- 9TH INTERNATIONAL CONFERENCE ON COMPUTER COMMUNICATION, Tel Aviv, 30th October - 3rd November 1988, pages 303-309, Elsevier Science Publishers B.V. (North-Holland), NL; A. ALBANESE et al.: "A routing strategy for interconnecting high-speed metropolitan area networks"
- See references of WO 9005419A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9005419 A1 19900517; CA 2002729 A1 19900510; EP 0442936 A1 19910828; EP 0442936 A4 19921209

DOCDB simple family (application)

AU 8900482 W 19891110; CA 2002729 A 19891110; EP 89912760 A 19891110