

Title (en)
MULTICASTING METHOD FOR A TELECOMMUNICATIONS NETWORK

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EP 0521027 A4 19941019 (EN)

Application
EP 91905851 A 19910322

Priority
AU PJ922790 A 19900322

Abstract (en)
[origin: WO9115070A1] A multicasting method for a telecommunications network which is adapted to transmit information in segments (20, 22, 24) of data (10). The method involves generating and transmitting segments (22, 24) of data (10) to be multicast with the segments including common message identification data (32) and routing the segments (22, 24) through the network using at least one switching station (60) which outputs the segments (22, 24) to a plurality of output ports (64, 66, 62, 72) of the station (60) on the basis of the message identification data (32). Beginning segments (50, 52, 54, 56) are generated which have respective destination addresses, the message identification data (32) and the common part of the information to be transmitted. The beginning segments (50, 52, 54, 56) are transmitted through the network on the basis of the destination addresses to the destinations corresponding thereto and routes are established through the network to the destinations on the basis of the message identification data (32). The remainder of the information is transmitted on at least one remainder segment (22, 24) which includes the message identification data (32). The remainder segments (22, 24) are routed through the network to the destinations on the basis of the message identification data (32). A switching station (60) is provided which is adapted to process the beginning segments (50, 52, 54, 56) as they are routed through the network and establish routing data for storage therein, which is used to direct the remainder segments (22, 24) to output ports (64, 66, 72) of the station (60) on the basis of the message identification data.

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H04L 12/1886 (2013.01)

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• [XA] EP 0255767 A2 19880210 - AMERICAN TELEPHONE & TELEGRAPH [US]
• [A] WO 8900366 A1 19890112 - BELL COMMUNICATIONS RES [US]
• See references of WO 9115070A1

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