

Title (en)

METHOD AND DEVICE FOR ESTABLISHING A ROUTING TABLE IN A COMMUNICATION NETWORK

Title (de)

VERFAHREN UND VORRICHTUNG ZUR HERSTELLUNG EINER WEGLENKUNGSTABELLE IN EINEM KOMMUNIKATIONSNETZ

Title (fr)

PROCEDE ET DISPOSITIF POUR ETABLIR UN TABLEAU D'ACHEMINEMENT DANS UN RESEAU DE COMMUNICATION

Publication

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Application

EP 00936839 A 20000531

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Abstract (en)

[origin: EP1058427A1] The invention concerns a method for determining a routing table in a communication network comprising buses connected by bridges, each bridge comprising two companion portals, a first portal being connected to a first bus and a second portal being connected to a second bus, each bus being identified by a unique bus identifier, each portal being identified by a unique portal identifier. The inventive method comprises the steps of: (a) transmitting, by said given portal, routing table data stored by said given portal to the given portal's companion portal and receiving, by said given portal, routing table data from its companion portal; (b) concatenating said received routing table data with the contents of the given portal's own routing table; (c) broadcasting said given portal's own routing table data on the portal's local bus; (d) receiving routing table data broadcast by other portals on the local bus and concatenating said received routing table data with contents of the given portal's own routing table; (e) repeating the above steps by said given portal until routing data concerning all buses in the network has been received. The invention also concerns a portal device for implementing the above method. <IMAGE>

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IPC 8 full level

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