

Title (en)

METHOD FOR LOCAL PROTECTION OF LABEL-SWITCHING PATHS WITH RESOURCE-SHARING

Title (de)

VERFAHREN ZUM LOKALEN SCHUTZ EINES ETIKETTVERMITTLUNGSWEGES MIT GETEILTEN RESSOURCEN

Title (fr)

METHODE DE PROTECTION LOCALE DE CHEMINS A COMMUTATION D ETIQUETTES AVEC PARTAGE DE RESSOURCES

Publication

EP 1476991 A1 20041117 (FR)

Application

EP 03727556 A 20030220

Priority

- FR 0300563 W 20030220
- FR 0202436 A 20020221

Abstract (en)

[origin: WO03071746A1] The invention relates to a method for protection of label-switching paths in an MPLS network, comprising several nodes connected by IP connections, each path passing through a given series of nodes and connections in said network called elements of said pathway. An element in a first pathway is protected by means of a pathway called the first pathway bypass, starting at a node in the first pathway upstream of said element for protection and terminating at a node of the first pathway downstream of said element for protection with a certain number of network resources being reserved for said first pathway bypass, the latter being activated in the case of failure of said element in the first pathway. An element in the second pathway is protected by a pathway called the second pathway bypass, starting from a node in the second pathway upstream of said element and terminating at a node of the second pathway downstream of said element. The pathway of the bypass for the second pathway uses at least a part of the resources reserved for the pathway of the first pathway bypass.

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Citation (search report)

See references of WO 03071746A1

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