

Title (en)
DISTRIBUTED LABEL SWITCHING ROUTER

Title (de)
VERTEILTER ROUTER ZUR ETIKETTVERMITTLUNG

Title (fr)
ROUTEUR DE COMMUTATION D'ETIQUETTES DISTRIBUE

Publication
EP 1206859 A1 20020522 (EN)

Application
EP 00939871 A 20000614

Priority
US 0016361 W 20000614

Abstract (en)
[origin: WO0197460A1] A distributed LSR sends data from a first edge LSR, across a non-MPLS network, to a second edge LSR, thereby enabling a non-MPLS network to interface transparently with MPLS networks. This enables a VPN to use a public network to communicate from one portion of the network to another remote portion. The distributed LSR includes an ingress gateway logically positioned between the first edge LSR and the non-MPLS network. This ingress gateway receives label requests from the first edge LSR. These label requests are multicast to several egress gateways. At least one egress gateway sends a message back indicating that it can transmit data to the destination. In response, the ingress gateway designates that egress gateway to be a designated gateway. The egress gateway then establishes a tunnel through non-MPLS network to the ingress gateway.

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CPC (source: EP)
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