

Title (en)

PROTECTION FOR PROVIDER BACKBONE BRIDGE TRAFFIC ENGINEERING

Title (de)

PBB-TE-SCHUTZ

Title (fr)

PROTECTION DU PROTOCOLE PBB-TE (PROVIDER BACKBONE BRIDGE TRAFFIC ENGINEERING)

Publication

**EP 2329281 A4 20111207 (EN)**

Application

**EP 09813399 A 20090622**

Priority

- US 2009048143 W 20090622
- US 9601108 P 20080911

Abstract (en)

[origin: WO2010030428A1] Network protection between endpoints includes both end-to-end and local section protection. A primary path between the endpoints includes a plurality of links, and is protected on an end-to-end basis by a protection path associated with different links. At least one sections of the primary path is also protected on a local basis, where a "section" is a link, ring, trunk or other portion of a network. One or more sections of the protection path may also be protected on a local basis. In response to detection of a fault condition, section protection is utilized to overcome the fault if possible, and otherwise end-to-end protection is utilized. Invoking section protection does not imply a switchover from the primary end-to-end path to the protection end-to-end path. Rather, the primary end-to-end path is rerouted in the affected section.

IPC 8 full level

**G01R 31/08** (2006.01); **H04J 14/02** (2006.01); **H04L 12/56** (2006.01); **H04L 69/40** (2022.01)

CPC (source: EP KR)

**H04J 14/0283** (2013.01 - EP KR); **H04J 14/0291** (2013.01 - KR); **H04L 12/4679** (2013.01 - KR); **H04L 41/0661** (2023.05 - EP KR); **H04L 45/04** (2013.01 - EP); **H04L 45/22** (2013.01 - EP KR); **H04L 45/28** (2013.01 - KR); **H04L 69/40** (2013.01 - EP); **H04J 14/0291** (2013.01 - EP); **H04L 45/04** (2013.01 - KR); **H04L 45/28** (2013.01 - EP); **H04L 69/40** (2013.01 - KR)

Citation (search report)

- [I] WO 02069104 A2 20020906 - FIRSTWAVE INTELLIGENT OPTICAL [US]
- [A] US 2002167898 A1 20021114 - THANG PHI CAM [CA], et al
- [A] US 2007076719 A1 20070405 - ALLAN DAVID [CA], et al
- See references of WO 2010030428A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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