

Title (en)

VLAN MAPPING FOR MULTI-SERVICE PROVISIONING

Title (de)

VLAN MAPPING ZUR MEHRFACHDIENSTEVERSORGUNG

Title (fr)

MAPPAGE VLAN DESTINE AU PROVISIONNEMENT MULTISERVICE

Publication

EP 1730882 A2 20061213 (EN)

Application

EP 04821441 A 20040317

Priority

EP 2004002754 W 20040317

Abstract (en)

[origin: WO2005091556A2] A Virtual Local Area Network, VLAN, Mapping Point (15), implemented at a border between first and second independently tagged VLAN regions (14,16), includes a mapping function that receives traffic packets from each of the VLAN regions, maps VLAN tags in the packets to associated VLAN tags for the other VLAN region, and forwards the packets using the associated VLAN tags. The first VLAN region may be a last-mile network (14) that connects to end users (11a-11d), and the second VLAN region may be an aggregation network (16) that connects to a core network (12). The VLAN Mapping Point (15) enables an end user to simultaneously access multiple services through a single broadband connection.

IPC 8 full level

H04L 12/00 (2006.01); **H04L 12/46** (2006.01); **H04L 12/56** (2006.01); **H04L 29/12** (2006.01); **H04L 12/18** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP)

H04L 12/4666 (2013.01); **H04L 49/354** (2013.01)

Citation (search report)

See references of WO 2005091556A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005091556 A2 20050929; **WO 2005091556 A3 20060406**; EP 1730882 A2 20061213

DOCDB simple family (application)

EP 2004002754 W 20040317; EP 04821441 A 20040317