Title (en)

METHOD FOR PROVIDING SUBSTITUTE ROUTES IN RAPID RESPONSE TO THE FAILURE OF A LINK BETWEEN TWO ROUTING DOMAINS

Title (de)

VERFAHREN ZUR BEREITSTELLUNG VON ERSATZWEGEN ALS SCHNELLE REAKTION AUF DEN AUSFALL EINES LINKS ZWISCHEN ZWEI ROUTING-DOMÄNEN

Title (fr)

PROCEDE DE MISE A DISPOSITION DE CHEMINS DE REMPLACEMENT EN TANT QUE REACTION RAPIDE A LA DEFAILLANCE D'UNE LIAISON ENTRE DEUX DOMAINES D'ACHEMINEMENT

Publication

EP 1897293 A1 20080312 (DE)

Application

EP 06763436 A 20060601

Priority

• EP 2006062809 W 20060601
• DE 102005025421 A 20050602

Abstract (en)

[origin: WO2006128894A1] The invention relates to a method for providing substitute routes in rapid response to the failure of a link between two routing domains (AS-6, AS-8) in a packet-oriented network. According to the invention, an inter-domain router (R1) determines substitute routes for fault scenarios caused by link failures. The substitute routes are stored and are regularly checked for their availability. This makes it possible to ensure, to a high degree, that a substitute route which is suitable for diverting the traffic is ready in the event of a link failing.

IPC 8 full level

H04L 12/56 (2006.01); **H04L 69/40** (2022.01)

CPC (source: EP US)

H04L 43/50 (2013.01 - EP US); **H04L 45/04** (2013.01 - EP US); **H04L 45/12** (2013.01 - EP US); **H04L 45/22** (2013.01 - EP US); **H04L 45/28** (2013.01 - EP US)

Citation (search report)

See references of WO 2006128894A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

DE 102005025421 A1 20061207; EP 1897293 A1 20080312; US 2008192627 A1 20080814; WO 2006128894 A1 20061207

DOCDB simple family (application)

DE 102005025421 A 20050602; EP 06763436 A 20060601; EP 2006062809 W 20060601; US 91607906 A 20060601