



Europäisches Patentamt  
European Patent Office  
Office européen des brevets



(11) **EP 1 175 045 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

Note: Bibliography reflects the latest situation

(15) Correction information:

**Corrected version no 1 (W1 B1)**  
**INID code(s) 73**

(51) Int Cl.:

**H04L 29/06** (1990.01)

**H04L 12/56** (1990.01)

(48) Corrigendum issued on:

**01.02.2006 Bulletin 2006/05**

(45) Date of publication and mention  
of the grant of the patent:

**16.11.2005 Bulletin 2005/46**

(21) Application number: **01306265.8**

(22) Date of filing: **20.07.2001**

(54) **Method and system for using a backbone protocol to improve network performance**

Verfahren und System für das Verwenden eines Kernnetz-Protokolls zur Verbesserung der Netzleistung

Méthode et système pour l'usage d'un protocole de réseau principal pour améliorer la performance de réseau

(84) Designated Contracting States:

**DE FR GB IT**

(30) Priority: **21.07.2000 US 220026 P**

**15.08.2000 US 225630 P**

(43) Date of publication of application:

**23.01.2002 Bulletin 2002/04**

(73) Proprietor: **Hughes Network Systems, LLC**

**Germantown, MD 20876 (US)**

(72) Inventors:

- **Border, John**  
**Poolesville,**  
**Maryland 20837 (US)**
- **Gee, Greg**  
**San Diego,**  
**California 92122 (US)**

(74) Representative: **Jackson, Richard Eric et al**

**Carpmaels & Ransford,**  
**43 Bloomsbury Square**  
**London WC1A 2RA (GB)**

(56) References cited:

**EP-A- 0 903 905**

- **BRADEN R CLARK D SHENKER S: "Integrated services in the internet architecture an overview" NETWORK WORKING GROUP REQUEST FOR COMMENTS, XX, XX, no. 1633, June 1994 (1994-06), pages 1-34, XP002960148**
- **"policy-based routing, policy-based routing data forwarding" CISCO WHITE PAPER, XX, XX, 3 July 2000 (2000-07-03), pages 1-15, XP002241435**
- **BARAS J S ET AL: "FAST ASYMMETRIC INTERNET OVER WIRELESS SATELLITE-TERRESTRIAL NETWORKS" MILCOM 97 PROCEEDINGS. NOV. 3 - 5, 1997, ANNUAL MILITARY COMMUNICATIONS CONFERENCE, NEW YORK, NY: IEEE, US, vol. 1, 3 November 1997 (1997-11-03), pages 372-377, XP000799704 ISBN: 0-7803-4250-X**
- **CHEN X ET AL: "EVOLUTION OF ATM INTERNETWORKING" BELL LABS TECHNICAL JOURNAL, WILEY, CA, US, vol. 2, no. 2, 21 March 1997 (1997-03-21), pages 82-110, XP000695170 ISSN: 1089-7089**

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

**EP 1 175 045 B8**