

Title (en)

METHOD FOR CLASS OF SERVICE WEIGHT ADAPTATION

Title (de)

VERFAHREN ZUR ANPASSUNG EINER GEWICHTUNG VON DIENSTEKLASSEN

Title (fr)

PROCEDE D'ADAPTATION PAR PONDERATION SUR UNE BASE DE CLASSES

Publication

EP 1336281 A2 20030820 (EN)

Application

EP 01994006 A 20011101

Priority

- US 0145761 W 20011101
- US 70874500 A 20001108

Abstract (en)

[origin: WO0239680A2] A data queue service center and method of operation therefore is provided for routing data packets of different Classes of Service over a transmission path. A queue is established for each different Class of Service (12, 14, 16, 18, 20) to be transmitted with a Class Based Weighted Fair Queueing weighting factor for each Class of Service (40). A desired queue residence time for each Class of Service is preallocated based on the level of quality of service required. The actual residence time of packets for each Class of Service is determined (44) and compared with the preallocated residence time for each Class of Service. The CBWFQ weight for each Class of Service is dynamically adjusted (54) based on a comparison of the actual residence time to the preallocated residence time.

IPC 1-7

H04L 12/56

IPC 8 full level

H04L 12/56 (2006.01); **H04L 12/801** (2013.01); **H04L 12/841** (2013.01); **H04L 12/851** (2013.01); **H04L 29/06** (2006.01)

CPC (source: EP)

H04L 47/10 (2013.01); **H04L 47/2408** (2013.01); **H04L 47/28** (2013.01)

Citation (search report)

See references of WO 0239680A2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 0239680 A2 20020516; **WO 0239680 A3 20021010**; AU 2715102 A 20020521; EP 1336281 A2 20030820; JP 2004514324 A 20040513

DOCDB simple family (application)

US 0145761 W 20011101; AU 2715102 A 20011101; EP 01994006 A 20011101; JP 2002541876 A 20011101