

Title (en)

FLOW CONTROL IN A TELECOMMUNICATIONS NETWORK

Title (de)

VERKEHRSREGELUNG IN EINEM FERNMELDENETZWERK

Title (fr)

GESTION DE FLUX DANS UN RESEAU DE TELECOMMUNICATIONS

Publication

**EP 0997020 A2 20000503 (EN)**

Application

**EP 98935050 A 19980714**

Priority

- FI 9800591 W 19980714
- FI 972981 A 19970714
- FI 973746 A 19970922
- FI 980825 A 19980409

Abstract (en)

[origin: WO9904536A2] The invention relates to a method for controlling overload in a packet switched network, especially in a network where Transmission Control Protocol (TCP) is used as the transport layer protocol. In order to inform the traffic source at a very early stage that the network is getting overloaded or congested, the acknowledgments traveling towards the source are delayed when the load level in the network exceeds a predetermined value.

IPC 1-7

**H04L 12/56; H04Q 11/04**

IPC 8 full level

**H04L 12/54** (2013.01); **H04L 12/56** (2006.01); **H04L 12/801** (2013.01); **H04L 12/823** (2013.01); **H04L 12/825** (2013.01); **H04L 12/835** (2013.01);  
**H04Q 11/04** (2006.01); **H04L 12/70** (2013.01)

CPC (source: EP)

**H04L 12/5602** (2013.01); **H04L 47/16** (2013.01); **H04L 47/193** (2013.01); **H04L 47/263** (2013.01); **H04L 47/29** (2013.01); **H04L 47/30** (2013.01);  
**H04L 47/323** (2013.01); **H04L 47/37** (2013.01); **H04Q 11/0478** (2013.01); **H04L 2012/5615** (2013.01); **H04L 2012/5635** (2013.01);  
**H04L 2012/5667** (2013.01)

Citation (search report)

See references of WO 9904536A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**WO 9904536 A2 19990128; WO 9904536 A3 19990408;** AU 745204 B2 20020314; AU 8443498 A 19990210; CN 1267419 A 20000920;  
EP 0997020 A2 20000503; JP 2001510957 A 20010807; NO 20000171 D0 20000113; NO 20000171 L 20000313

DOCDB simple family (application)

**FI 9800591 W 19980714;** AU 8443498 A 19980714; CN 98808150 A 19980714; EP 98935050 A 19980714; JP 2000503633 A 19980714;  
NO 20000171 A 20000113