

Title (en)

UNIFIED ALGORITHM FOR FRAME SCHEDULING AND BUFFER MANAGEMENT IN DIFFERENTIATED SERVICES NETWORKS

Title (de)

EINHEITLICHER ALGORITHMUS ZUR RAHMEN-ABLAUFFOLGEPLANUNG UND PUFFERVERWALTUNG IN NETZEN MIT DIFFERENTIERTEN DIENSTEN

Title (fr)

ALGORITHME UNIFIE DESTINE A L'ORDONNANCEMENT DE TRAMES ET A LA GESTION DE MEMOIRES TAMPONS DANS DES RESEAUX A SERVICES DIFFERENCIES

Publication

**EP 1258115 A1 20021120 (EN)**

Application

**EP 01909268 A 20010216**

Priority

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- US 18455700 P 20000224

Abstract (en)

[origin: WO0163858A1] A frame forwarding and discard architecture (100) in a Differentiated Services network environment. The architecture (100) comprises a discard logic (102) for discarding a frame from a stream (104) of incoming frames of the network environment in accordance with a discard algorithm, the frame being discarded if a predetermined congestion level in the network environment has been reached, and a predetermined backlog limit of a queue associated with the frame, has been reached. Scheduling logic (118) is also provided for scheduling the order in which to transmit one or more enqueued frames of the network environment.

IPC 1-7

**H04L 12/56**

IPC 8 full level

**H04L 12/56** (2006.01); **H04L 12/801** (2013.01); **H04L 12/823** (2013.01); **H04L 12/835** (2013.01); **H04L 12/841** (2013.01); **H04L 12/851** (2013.01); **H04L 47/30** (2022.01); **H04L 47/32** (2022.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 0163858A1

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