Title (en)

DEVICE AND METHOD FOR ADAPTIVELY ADJUSTING LOADING CAPACITY FOR A NODE IN A PACKETIZED COMMUNICATION SYSTEM.

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ADAPTIVEN REGULIERUNG DER AUSLASTUNGSFÄHIGKEIT EINES KNOTENS IN EINEM PACKETIERTEN NACHRICHTENÜBERTRAGUNGSSYSTEM.

Title (fr)

DISPOSITIF ET PROCEDE D'AJUSTEMENT ADAPTATIF DE LA CAPACITE DE CHARGE D'UN NOEUDDANS UN SYSTEME DE COMMUNICATION PAR PAQUETS.

Publication

EP 0631704 A4 19980408 (EN)

Application

EP 94902290 A 19931118

Priority

- US 9311188 W 19931118
- US 99223992 A 19921217

Abstract (en)

[origin: WO9414256A1] Flow of digitized coded speech packets through virtual circuits in a multi-node communication system (300) is controlled by an adaptive loading capacity device (102) in the nodes (314, 316, 318). The adaptive loading capacity device (102) determines an adjusted throughput data rate ATDR (602, 604) for a node (314, 316, 318) that is substantially equivalent to a predetermined upper limit of the system's capacity. When a requested data rate value RDR included in a frame (200) is greater than the ATDR, the device automatically adjusts the RDR downward to substantially equal the ATDR (702, 704) and incorporates the adjusted RDR into frames (200) transmitted to coupled nodes (314, 316, 318) and stations (302, 308).

IPC 1-7

H04J 3/22; H04L 12/56

IPC 8 full level

H04L 12/54 (2013.01); H04Q 11/04 (2006.01)

CPC (source: EP)

H04L 12/5602 (2013.01); **H04L 47/10** (2013.01); **H04L 47/263** (2013.01); **H04L 47/30** (2013.01); H04L 2012/5614 (2013.01); H04L 2012/5632 (2013.01); H04L 2012/5635 (2013.01); H04L 2012/5636 (2013.01); H04L 2012/5671 (2013.01); H04L 2012/5682 (2013.01); Y02D 30/50 (2020.08)

Citation (search report)

- [A] EP 0489993 A1 19920617 - MOTOROLA INC [US]
- See references of WO 9414256A1

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DOCDB simple family (publication)

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