

Title (en)  
CELL GRANT MECHANISM

Title (de)  
MECHANISMUS ZUR ZELLENZUTEILUNG

Title (fr)  
MECANISME D'AUTORISATION DE TRANSMISSION DE CELLULES

Publication  
**EP 0861563 A4 20010404 (EN)**

Application  
**EP 96939715 A 19961113**

Priority  
• US 9618337 W 19961113  
• US 695395 P 19951117

Abstract (en)  
[origin: WO9719567A1] A cell grant mechanism is presented which allows a central device (110) to control the transmission of cells from one or more remote devices (140) connected to the central device (110) over a physical medium. Grants are issued from a grant table (700) in the central device (110) to allow the remote devices (140) to transmit cells to the central device (110). The spacing of the grants are optimized to minimize cell delay variation. When there are unused cell opportunities, central device (110) can issue grants to devices (140) to utilize the unused cell opportunities on an available bit rate basis.

IPC 1-7  
**H04Q 1/20**; **H04J 3/14**

IPC 8 full level  
**H04Q 3/00** (2006.01); **H04J 3/16** (2006.01); **H04L 12/44** (2006.01); **H04Q 11/04** (2006.01); **H04L 12/70** (2013.01)

CPC (source: EP)  
**H04J 3/1694** (2013.01); **H04Q 11/0478** (2013.01); **H04L 2012/561** (2013.01); **H04L 2012/5615** (2013.01); **H04L 2012/5616** (2013.01); **H04L 2012/5632** (2013.01); **H04L 2012/5679** (2013.01)

Citation (search report)  
• [PX] EP 0702473 A1 19960320 - IBM [US]  
• [YAX] EP 0544975 A1 19930609 - BELL TELEPHONE MFG [BE], et al  
• [YA] US 5390184 A 19950214 - MORRIS TODD D [CA]  
• [A] EP 0337619 A1 19891018 - BRITISH TELECOMM [GB]  
• [X] EP 0648034 A1 19950412 - BELL TELEPHONE MFG [BE], et al  
• [A] BONOMI F ET AL: "THE RATE-BASED FLOW CONTROL FRAMEWORK FOR THE AVAILABLE BIT RATE ATM SERVICE", IEEE NETWORK, 1 March 1995 (1995-03-01), XP000493487  
• See references of WO 9719567A1

Designated contracting state (EPC)  
DE DK ES FI FR GB IE IT SE

DOCDB simple family (publication)  
**WO 9719567 A1 19970529**; AU 712553 B2 19991111; AU 7680996 A 19970611; CA 2237869 A1 19970529; EP 0861563 A1 19980902; EP 0861563 A4 20010404; JP 3433383 B2 20030804; JP H11500295 A 19990106

DOCDB simple family (application)  
**US 9618337 W 19961113**; AU 7680996 A 19961113; CA 2237869 A 19961113; EP 96939715 A 19961113; JP 51980297 A 19961113