Title (en)

AN ATM CELL PROCESSOR

Title (de)

EIN ATM-ZELLENPROZESSOR

Title (fr)

PROCESSEUR DE CELLULES A MODE DE TRANSFERT ASYNCHRONE

Publication

EP 1040707 A2 20001004 (EN)

Application

EP 98961336 A 19981215

Priority

- IE 9800106 W 19981215
- IE 970888 A 19971215
- IE S980712 A 19980831

Abstract (en)

[origin: WO9931928A2] An ATM cell processor (10) has a backplane interface (11), a line interface (15), and various processing functions between the interfaces. Cells directed to the line interface (15) are controlled by a queueing function (12) which uses external cell memory via a controller (13) and external control memory via a controller (14). Cells from the backplane are identified and routed by a mapping function (16).

IPC 1-7

H04Q 11/04; H04L 12/56

IPC 8 full level

H04L 12/54 (2013.01); **H04L 12/56** (2006.01); **H04L 12/935** (2013.01); **H04L 12/937** (2013.01); **H04Q 11/04** (2006.01); H04L 12/70 (2013.01)

CPC (source: EP)

H04L 12/5601 (2013.01); **H04L 49/255** (2013.01); **H04L 49/3081** (2013.01); **H04Q 11/0478** (2013.01); H04L 2012/5658 (2013.01); H04L 2012/5681 (2013.01)

Citation (search report)

See references of WO 9931928A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

WO 9931928 A2 19990624; **WO 9931928 A3 19991028**; AU 1680499 A 19990705; CA 2315052 A1 19990624; EP 1040707 A2 20001004; IE S80918 B2 19990630; IE S980712 A2 19990630; JP 2002509412 A 20020326

DOCDB simple family (application)

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