Title (en)

DATA TRANSFERRING PROCESS

Title (de)

VERFAHREN ZUR DATENÜBERTRAGUNG

Title (fr)

PROCEDE DE TRANSFERT DE DONNEES

Publication

EP 0923831 A1 19990623 (DE)

Application

EP 97918833 A 19970909

Priority

- AT 9700195 W 19970909
- AT 159196 A 19960909

Abstract (en)

[origin: WO9811699A1] The invention concerns a procedure to transfer wideband data from a large number or peripheral subscribers to a long-range communication network, for instance, Internet, through two or several two-wire cables allocated to each subscriber. The data of the peripheral subscribers who are arranged in a media access layer (MAC) is sent to a central switching unit (ROUTER) which is arranged in a network layer and through which the subscribers are linked to a long-range communication network, for instance, Internet. The data sent by the subscribers is subdivided into data packages and routed successively through the individually allocated two-wire cables and through a central LAN, for instance, at least one central node distributor (HUB), the addressing of each data package being checked respectively at the central and/or peripheral bridge (4, 7, 40, 70). A data package will be transmitted through the central node distributor(s) (HUB) (2, 20) to the central switching unit(s) (ROUTER) (1, 10) only when an allocation of the subscriber (9, 11, 13, 90) and the central switching unit (ROUTER) (1, 10) has been unequivocally verified.

IPC 1-7

H04L 29/06

IPC 8 full level

H04L 12/46 (2006.01); **H04L 29/06** (2006.01); H04L 29/12 (2006.01)

CPC (source: EP)

H04L 12/4625 (2013.01); H04L 2101/622 (2022.05)

Citation (search report)

See references of WO 9811699A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9811699 A1 19980319; AT 406320 B 20000425; AT A159196 A 19990815; AU 4289897 A 19980402; CA 2265588 A1 19980319; EP 0923831 A1 19990623; JP 2001500683 A 20010116

DOCDB simple family (application)

AT 9700195 W 19970909; AT 159196 A 19960909; AU 4289897 A 19970909; CA 2265588 A 19970909; EP 97918833 A 19970909; JP 51304798 A 19970909