

Title (en)

SECURE SATELLITE RECEIVE-ONLY LOCAL AREA NETWORK WITH ADDRESS FILTER

Title (de)

GESICHERTES, NUR ZUM SATELLITENEMPFANG GEEIGNETES LOKALES NETZWERK MIT ADRESSFILTER

Title (fr)

RESEAU LOCAL PROTEGE A RECEPTION SATELLITAIRE UNIQUEMENT COMPRENANT UN FILTRE D'ADRESSES

Publication

EP 0815669 A1 19980107 (EN)

Application

EP 96923180 A 19960116

Priority

US 9600558 W 19960116

Abstract (en)

[origin: WO9726730A1] A receiver (124) is connected to a satellite communication network (114-118). The receiver (124) includes a satellite receiver card for receiving a packet containing data from the satellite communication network and a satellite receive device driver (130), associated with the satellite receiver card, for outputting the data in the packet in a format using a predetermined standard LAN interface format. The receiver may also include a key distribution unit (126) for providing the satellite receiver card with keys for decrypting the data in the packet when the data is encrypted. The satellite receive device driver (130) sends the satellite receiver card a list of addresses corresponding to destination addresses of interest, and the satellite receiver card discards the received packet if its destination address is not in the list of addresses.

IPC 1-7

H04L 9/00; **H04L 12/28**

IPC 8 full level

H04B 7/15 (2006.01); **H04B 7/185** (2006.01); **H04H 1/00** (2006.01); **H04H 20/00** (2008.01); **H04L 9/06** (2006.01); **H04L 9/10** (2006.01); **H04L 12/28** (2006.01); **H04L 29/06** (2006.01)

CPC (source: EP)

H04B 7/18593 (2013.01); **H04L 12/5692** (2013.01); **H04L 63/062** (2013.01)

Designated contracting state (EPC)

DE ES FR GB IT SE

DOCDB simple family (publication)

WO 9726730 A1 19970724; AU 6376496 A 19970811; AU 701622 B2 19990204; BR 9610882 A 19990713; CA 2213313 A1 19970724; CA 2213313 C 20020326; EP 0815669 A1 19980107; EP 0815669 A4 20001129; JP 3388756 B2 20030324; JP H10505478 A 19980526; MX 9706285 A 19971031

DOCDB simple family (application)

US 9600558 W 19960116; AU 6376496 A 19960116; BR 9610882 A 19960116; CA 2213313 A 19960116; EP 96923180 A 19960116; JP 52594197 A 19960116; MX 9706285 A 19960116