

Title (en)
ARRANGEMENT FOR INTERLINKING PROTOCOL DATA UNITS, WHEREBY SAID DATA UNITS BELONG TO INCOMPATIBLE NETWORKS

Title (de)
ANORDNUNG ZUM INEINANDERÜBERSETZEN VON PROTOKOLLDATENEINHEITEN INKOMPATIBLE NETZE

Title (fr)
DISPOSITIF DE TRANSPOSITION MULTIPLE POUR UNITES DE DONNEES DE PROTOCOLE APPARTENANT A DES RESEAUX INCOMPATIBLES

Publication
EP 1106005 A2 20010613 (DE)

Application
EP 00912354 A 20000203

Priority
• DE 0000336 W 20000203
• DE 19904544 A 19990204
• DE 19950576 A 19991020

Abstract (en)
[origin: WO0046965A2] The invention relates to an arrangement for interlinking protocol data units, whereby said data units belong to incompatible networks. The invention further relates to a telecommunications network and a local network for transmission of voice data and transmission of packet data and for remotely controlling devices (e.g. home-automation) for different types of networks respectively (e.g. the types of networks mentioned above), whereby said local network can be designed as a home-automation system. The aim of the invention is to enable said arrangement and said networks to be used universally. To this end, a telecommunications terminal which is connected to the telecommunications network or a stationary radio-transmitter/radio-receiver which is connected to at least one mobile radio-transmitter/radio-receiver is used. The telecommunications terminal and the radio-transmitter/radio-receiver are provided with a remote control structure. Any kind of interface for connection to the local network via a special network adapter is allocated to the telecommunications terminal. At least one device of the local network can be remotely controlled by means of the radio-transmitter/radio-receiver without the telecommunications network being involved. The telecommunications network is enlarged by the intelligent interface function (gateway function) due to the increasing convergence of communication devices and information devices. The information (e.g. control commands, status information, alarm messages) which is to be transmitted in order to remotely control devices in the local network are transmitted by the interface in a special block format.

IPC 1-7
H04L 29/00

IPC 8 full level
H04L 12/46 (2006.01); **H04L 12/28** (2006.01); **H04L 12/66** (2006.01); **H04L 29/06** (2006.01); **H04M 1/725** (2021.01); **H04M 11/00** (2006.01); **H04Q 9/00** (2006.01)

CPC (source: EP)
H04L 12/2803 (2013.01); **H04L 12/2818** (2013.01); **H04L 12/2832** (2013.01); **H04L 12/66** (2013.01); **H04M 1/725** (2013.01); **H04L 12/282** (2013.01); **H04L 12/2836** (2013.01); **H04L 2012/2841** (2013.01); **H04M 2250/02** (2013.01)

Citation (search report)
See references of WO 0046965A2

Designated contracting state (EPC)
DE ES FR GB IT NL

DOCDB simple family (publication)
WO 0046965 A2 20000810; **WO 0046965 A3 20010412**; AU 3416300 A 20000825; CN 1310906 A 20010829; DE 19950576 A1 20010510; EP 1106005 A2 20010613; HK 1039702 A1 20020503; JP 2002536914 A 20021029

DOCDB simple family (application)
DE 0000336 W 20000203; AU 3416300 A 20000203; CN 00800491 A 20000203; DE 19950576 A 19991020; EP 00912354 A 20000203; HK 02101098 A 20020215; JP 2000597933 A 20000203