

Title (en)  
DATA SINK/DATA SOURCE DATA TRANSMISSION DEVICE AND DATA TERMINAL DEVICE FOR A CIRCUIT-SWITCHED AND PACKET-SWITCHED NETWORK

Title (de)  
DATENSENKE/-QUELLE, DATENÜBERTRAGUNGSEINRICHTUNG UND DATENENDEINRICHTUNG FÜR EIN LEITUNGS- UND PAKETVERMITTELTES NETZ

Title (fr)  
COLLECTEUR/SOURCE DE DONNEES, DISPOSITIF DE TRANSMISSION DE DONNEES ET TERMINAL POUR RESEAUX A COMMUTATION DE CIRCUITS ET A COMMUNICATION DE PAQUETS.

Publication  
**EP 1597881 A1 20051123 (DE)**

Application  
**EP 04714783 A 20040226**

Priority

- EP 2004001934 W 20040226
- DE 10308304 A 20030226

Abstract (en)  
[origin: WO200407772A1] The aim of the invention is, in a data sink/data source data transmission device and data terminal device for a circuit-switched and packet-switched network, to be able to eliminate the logical separation between applications, which are based on the circuit-switched network, e.g. PSTN, ISDN, and applications, which are based on the packet-switched network, e.g. Internet. To this end, a data transmission device (DUE) for transmitting and receiving data into/from the circuit-switched network (LVN) comprises controllable switch-over means (UMS). This data transmission device is or can be assigned to a universally useable unit (DVG) for automatically processing data and for transmitting and receiving data to/from the packet-switched network and is assigned or can be assigned to the at least one data terminal device (DEE) for transmitting and receiving data into/from the circuit-switched network (LVN). Said switch-over means can be controlled in such a manner that the data terminal device (DEE) which, in a first operating mode is connected to the circuit-switched network (LVN) via the data transmission device (DUE), can be switched from the first operating mode into a second operating mode, during which the data terminal device (DEE) is connected to the packet-switched network (PVN) via the data transmission device (DUE) and the data processing device (DVG), and from the second operating mode into the first operating mode.

IPC 1-7  
**H04L 12/64**; H04M 7/00; H04L 12/28

IPC 8 full level  
**H04L 5/00** (2006.01); **H04L 12/00** (2006.01); **H04L 12/28** (2006.01); **H04L 12/54** (2013.01); **H04L 12/64** (2006.01); **H04M 7/00** (2006.01)

CPC (source: EP US)  
**H04L 12/5692** (2013.01 - EP US); **H04L 12/6418** (2013.01 - EP US); **H04M 7/0057** (2013.01 - EP US); **H04L 2012/6472** (2013.01 - EP US); **H04L 2012/6475** (2013.01 - EP US); **H04M 2207/206** (2013.01 - EP US)

Citation (search report)  
See references of WO 200407772A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**WO 200407772 A1 20040910**; BR PI0403950 A 20050301; CN 102035759 A 20110427; CN 102035759 B 20130925; CN 1698327 A 20051116; CN 1698327 B 20110907; EP 1597881 A1 20051123; EP 2244421 A2 20101027; EP 2244421 A3 20140430; EP 2244427 A2 20101027; EP 2244427 A3 20140430; PL 213357 B1 20130228; PL 213358 B1 20130228; PL 213383 B1 20130228; PL 373330 A1 20050822; PL 393387 A1 20110314; PL 393388 A1 20110314; RU 2004133057 A 20051010; RU 2009107500 A 20100910; RU 2011119803 A 20121127; RU 2357371 C2 20090527; RU 2427968 C2 20110827; RU 2483456 C2 20130527; US 2005226217 A1 20051013; US 2010157992 A1 20100624; US 7715364 B2 20100511; US 9130781 B2 20150908

DOCDB simple family (application)  
**EP 2004001934 W 20040226**; BR PI0403950 A 20040226; CN 200480000217 A 20040226; CN 201010544003 A 20040226; EP 04714783 A 20040226; EP 10007684 A 20040226; EP 10007685 A 20040226; PL 37333004 A 20040226; PL 39338704 A 20040226; PL 39338804 A 20040226; RU 2004133057 A 20040226; RU 2009107500 A 20090302; RU 2011119803 A 20110517; US 51422604 A 20041112; US 71389810 A 20100226