

Title (en)

PROCESS FOR TRANSFERRING DATA PACKETS BETWEEN EMULATED LANS

Title (de)

VERFAHREN ZUM ÜBERMITTELN VON INFORMATIONSPAKETEN ZWISCHEN EMULIERTEN LANS

Title (fr)

PROCEDE POUR LA TRANSMISSION DE PAQUETS D'INFORMATIONS ENTRE LANS EMULES

Publication

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Application

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Abstract (en)

[origin: WO9702682A1] The invention concerns a process for transferring data packets between a source LEC of a first ELAN and a target LEC of a second ELAN, the process comprising the following steps: determining the target ATM address by transmitting an address-resolving enquiry of the source LEC to the second ELAN via a CLS wide-area network preparing a connectionless service and resolving the target MAC address in the second ELAN into the associated ATM address; establishing connection between the source LEC and target LEC via an ATM network, which is of a higher level than the first ELAN and the second ELAN, using the target ATM address determined; and transferring the data packets via the higher-level ATM network. In one embodiment, the ATM address determined, as the address-resolving response, is transmitted via the CLS wide-area network to the first ELAN and from there to the source LEC which establishes a connection to the target LEC.

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