Title (en)

METHOD AND ARRANGEMENT FOR TRANSMITTING DATA WITHIN AN OPEN COMMUNICATION NETWORK

Title (de)

VERFAHREN UND ANORDNUNG ZUR ÜBERTRAGUNG VON DATEN INNERHALB EINES KOMMUNIKATIONSVERBUNDS

Title (fr)

PROCEDE ET DISPOSITIF DE TRANSMISSION DE DONNEES AU SEIN D'UNE LIAISON DE COMMUNICATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2004068736A1] The invention relates to a method and an arrangement for transmitting data within an open communication network (8; 23). The data is transmitted by means of a line-bound transmission medium (12; 22), e.g. a power supply network. The transmitting times of at least one transmitter/receiver device (10.1; 25.1) of the open communication network (8; 23) and a transmitter/receiver device (10.2; 25.5) outside the open communication network are synchronised by means of a time signal which is independent from the open communication network (8; 23). By virtue of the fact that the transmission times of the transmitter/receiver device overlap as little as possible with the receiving times of the other transmitter/receiver device, interferences between the transmitter/receiver devices of a different open communication network are minimised, reduction of the waveband is zero or very little and a synchronisation process between transmitter/receiver devices of different open communication networks is prevented.

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