

Title (en)

DEVICE FOR AND METHOD OF TRANSMISSION OF DIGITAL SIGNALS, IN PARTICULAR IN DECT-TYPE SYSTEMS

Title (de)

ANORDNUNG UND VERFAHREN ZUR ÜBERTRAGUNG VON DIGITALSIGNALEN, INSBESONDERE IN DECT-ANLAGEN

Title (fr)

DISPOSITIF ET PROCEDE DE TRANSMISSION DE SIGNAUX NUMERIQUES, EN PARTICULIER, DANS DES SYSTEMES DE TYPE DECT

Publication

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Application

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Priority

- EP 9802151 W 19980412
- IT TO970311 A 19970414

Abstract (en)

[origin: WO9847256A2] Digital signals such as data signals (IP) are transmitted over a digital channel (for instance the one used for voice service according to the DECT standard or the like) where a point-to-point communication protocol is active, by organising such data signals into HDLC type frames which preferably have a constant length, the value of which can be configured upon setting up the connection. In the presence of receptor errors and in particular of errors considered as non correctable, a mechanism of re-transmission with selective repetition of said frames is actuated. Said mechanism is based on windows whose sizes can be configured upon setting up the communication in view of system performance optimisation. The device autonomously manages a mechanism for the segmentation and re-composition of the data transmitted by the upper layer (IP) in a manner that is totally transparent to that layer.

IPC 1-7

H04L 29/06; **H04L 1/18**

IPC 8 full level

H04L 1/18 (2006.01); **H04L 12/28** (2006.01); **H04L 29/06** (2006.01); **H04Q 7/32** (2006.01); **H04W 88/02** (2009.01); **H04L 29/08** (2006.01)

CPC (source: EP)

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