

Title (en)  
RADIO SYSTEM FOR CORDLESS SUBSCRIBER LINE INTERFACE

Title (de)  
FUNKSTYSTEM FÜR SCHNURLOSE TEILNEHMERLEITUNGSSCHNITTSTELLE

Title (fr)  
SYSTEME RADIO POUR INTERFACE DE LIGNE D'ABONNE SANS FIL

Publication  
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Application  
**EP 96900112 A 19960103**

Priority

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- FI 950046 A 19950104

Abstract (en)  
[origin: WO9621987A2] The invention relates to a wireless local loop system comprising base stations and an access network node which connects the cordless terminal equipments (T) to the exchange of the fixed network. The air interface between the cordless terminal equipment and the base station (2, 3) is mainly in accordance with the GSM mobile system, whereupon at least one time slot (TN0) of a frame having a carrier that is the carrier (c0) of signalling is a time slot of a control channel (FCCH, SCH, BCCH, CCCH), in which time slot the base station transmits, with constant power, control information intended for the cordless terminal equipments. According to the invention, the co-channel interference can be decreased in such a way that the other time slots (TN1, ..., TN7) of said frame are reserved as traffic channel time slots only as the need arises, and in traffic channel use the transmit power of the signalling carrier (c0) is adjusted in a manner required by the mobile system. Discontinuous transmission DTX can also be used.

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