

Title (en)

CONVERSION OF GFSK-MODULATED SIGNALS INTO QPSK-MODULATED SIGNALS

Title (de)

TRANSMODULATION ZWISCHEN GFSK- UND QPSK-MODULIERTE SIGNALE

Title (fr)

TRANSMODULATION ENTRE LES SIGNAUX GMSK-MODULES ET DES SIGNAUX MDPQ-MODULES

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Application

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Abstract (en)

[origin: WO0019674A1] According to the invention, a DECT controller is used for transmitting using a QPSK modulation method. An adapter module (23) is provided to this end, and converts the GFSK-modulated data that are output by the DECT controller (22) into QPSK-modulated data for sending. Said adapter module (23) can be e.g. an ASIC. The adapter module (23) can also control an HF-module (4, 5) of the DECT controller (22) in such a way that the data is modulated to a carrier frequency in the 2.4 GHz-ISM band. This makes it possible to produce a system for the 2.4 GHz-ISM band that is able to meet the standards for this band (FCC part 15) by using a QPSK modulation and by changing the carrier frequency after a set period of time (frequency hopping spread spectrum system). At the same time, it is possible to use a usual DECT controller, economically.

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