

Title (en)

METHOD AND AN ARRANGEMENT FOR MODULATING A SIGNAL

Title (de)

VERFAHREN UND EINRICHTUNG ZUM MODULIEREN EINES SYSTEMS

Title (fr)

PROCEDE ET SYSTEME DE MODULATION D'UN SIGNAL

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Application

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Abstract (en)

[origin: WO9955048A1] The invention relates to a method and arrangement for modulating a signal to be transmitted using M-level continuous phase modulation, wherein M can obtain values (2, 4, 8, ...) and the symbols to be transmitted comprise more than one bit, the arrangement comprising a coder (104) and a frequency modulator (120). In order to flexibly enable high data rate transmission in a narrow frequency band, the coder (104) is arranged to code each symbol to be transmitted into a separate binary sequence to yield an M-level PSK constellation.

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