

Title (en)
METHOD AND APPARATUS FOR COMMUNICATION USING PULSE DECODING

Title (de)
VERFAHREN UND VORRICHTUNG ZUR NACHRICHTENÜBERTRAGUNG MIT VERWENDUNG VON IMPULSDEKODIERUNG

Title (fr)
PROCEDE ET APPAREIL DE COMMUNICATION DANS LESQUELS ON UTILISE LE DECODAGE DES IMPULSIONS

Publication
EP 1228614 A1 20020807 (EN)

Application
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Abstract (en)
[origin: WO0131868A1] A signal of any physical form corresponding to an information character of an encoding alphabet, is transmitted as an analog waveform defining a symbol, the waveform being cyclical at the symbol rate, to a communication channel and then the signal when received by a receiver is converted to groups of pulses separated by silences, wherein each group of pulses maps to a count corresponding to a character of the encoding alphabet. The groups of pulses are separated by silences of arbitrary duration which are greater than the time between individual pulses. The pulses have a pulse rate greater than the frequency of the symbol. The system permits but does not require communication of relatively narrow bandwidth signals.

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