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(54) Title: A METHOD AND AN ARRANGEMENT FOR MAKING FIXED LENGTH CODES

(57) Abstract

The present invention relates to a method in a telecommunications system comprising transmission of information over a channel and encoding of the transmitted information wherein a fixed length code is designed according to the following steps: initialising of a code table, wherein a code word, hereafter called the kernel, is allocated to a position corresponding to a peak of a probability density function of the transmitted information and said kernel can be chosen arbitrarily as a n-bit code word; generating n new code words with the Hamming distance one to said kernel; packing said new code words as close as possible on either side of the kernel.

