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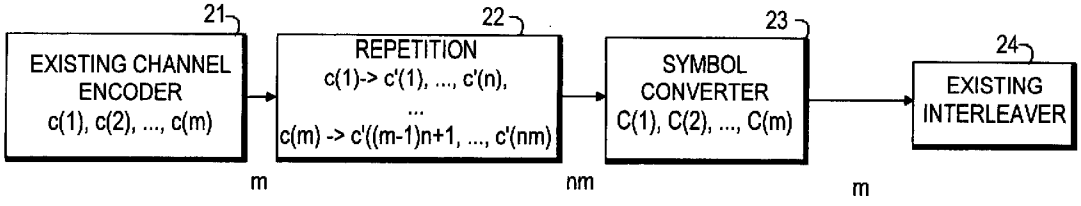
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(54) Title: A METHOD AND A SYSTEM FOR TRANSFERING AMR SIGNALING FRAMES ON HALFRATE CHANNELS



(57) Abstract: The present invention relates to the transference of signaling frames on GERAN (GSM/EDGE Radio Access Network) half rate channels utilizing a modulation scheme carrying n bits in one symbol. In order to be able to utilize the existing channel coding developed for channels with different modulations and to avoid high rate convolutional and block codes, the AMR signalling frame to be transferred is coded using a coding procedure defined for a GSM half rate channel utilizing a GMSK modulation scheme, the coding procedure outputting a coded output stream. In response to said coding, each bit of the coded output stream is repeated n times, whereby a repeated bit stream is obtained, and symbols to be transmitted are formed from the repeated bit stream.

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