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METHOD FOR RECORDING (SENDING)/REPRODUCING (RECEIVING) DATA, APPARATUS THEREOF, AND DATA RECORDING MEDIUM

ABSTRACT OF THE DISCLOSURE

A C2 encoder encodes data of 24 symbols supplied from a two-symbol delaying/scrambling circuit and generates a Q parity of four symbols. Data and Q parity are supplied to a interleaving circuit. The interleaving circuit adds delays that vary for a unit delay amount D each as in 0, D, 2D, ..., and so forth to individual symbols so as to interleave the data. In this case, since D = 7, the maximum delay amount becomes 7 x 27 = 189. Thus, the total interleave length becomes 190. The total interleave length is slightly smaller than twice the unit of sub codes (98 frames). A C1 encoder encodes 28 symbols that have been interleaved and generates a P parity of four symbols.

FIGURE 1 & 2

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