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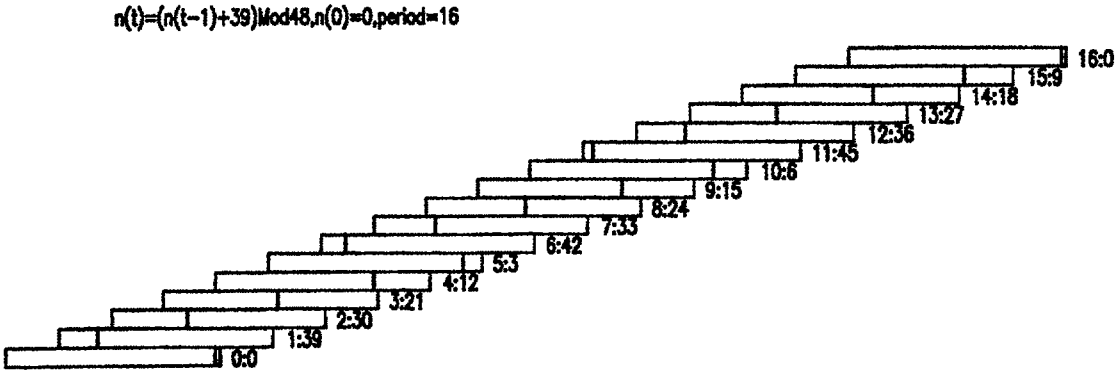
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(54) Title: RECORDING OF SUBCODE SIGNALS IN SLANT TRACKS ON A RECORD CARRIER



(57) Abstract

This invention relates to an apparatus for recording a digital information signal and a subcode signal in slant tracks (fig. 1) on a record carrier (140). The apparatus comprises an input (111) for receiving the digital information signal and an input (123) for receiving the subcode signal. Portions of information of the subcode signal are accommodated into subcode signal blocks (fig. 2) and portions of information of the information signal are accommodated into information signal blocks (main sync blocks, fig. 1). The subcode signal blocks and the information signal blocks are combined into a composite signal for recording the tracks on the record carrier. Time code signals are generated and accommodated in specific subcode signal blocks, as follows. Time code signals can be accommodated in specific subcode signal blocks in the subcode signal recording portion having sequence numbers that satisfy the following formula: $N(i) = \{N(i-1) + 1 + 2.p\} \bmod 2^m$, where p is an integer positive constant for which holds $0 \leq p \leq 2^{(m-1)}-1$ and N(i) is the sequence number of the subcode sync block in a track numbered i in which a time code signal can be recorded, and that N(i) is an integer that can have a value from 0 to 2^m-1. The apparatus comprises a writing unit (136) for writing the composite signal in said tracks on the record carrier.