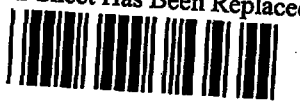
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ABSTRACT:

Record carrier and device for reading such a record carrier.

A record carrier (36) has a data signal recorded on it which represents data words, added codewords of a first type and added codewords of a second type. The added codewords of the first type have a predefined first relation to the data words. The added codewords of the second type have a second predefined relation to data words and added codewords of the first type. The added codewords of the first and the second type make an error correction possible according to a given algorithm. The data signal is divided into blocks (1) which contain each a control portion (20) with control data and a data portion (21) with user-supplied data. The data words and added first and second codewords are ordered and interrelated in a manner in which the order of the data words, once the error correction has been effected according to the given criterion, is not affected.

Furthermore, the application proposes a device for reading a data signal recorded on the record carrier (36). The device comprises first and second error correcting means (45) (47) for correcting errors in the data words in response to the added codewords of the second type and first type. The device further comprises decoding means (50) for separating the control portions (20) of the blocks (1) in response to the data words produced by the first correcting means (45), whilst the results generated by the second correcting means (46) are discarded.

(Figs. 2 and 4).