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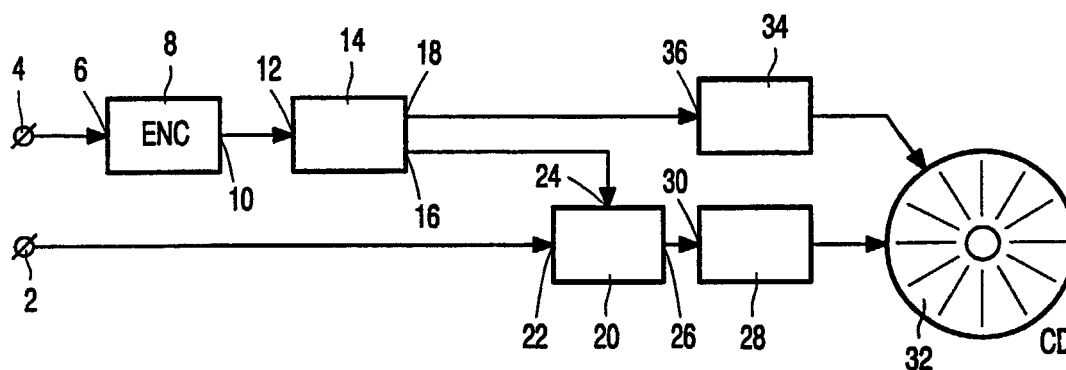
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(54) Title: RECORD CARRIER CARRYING A STEREO SIGNAL AND A DATA SIGNAL



(57) Abstract: The invention relates to a record carrier carrying a stereo signal and a data signal. The data signal comprises a first portion and a remaining portion. A first channel on the record carrier comprises a composite signal. The composite signal is obtained by combining the stereo signal and the first portion of the data signal, preferably by using buried data techniques. A second channel on the record carrier comprises the remaining portion of the data signal. The invention further relates to a method, a recording apparatus and a reproducing apparatus for recording/reproducing the stereo signal and the data signal on a record carrier.

Record carrier carrying a stereo signal and a data signal.

The invention relates to a record carrier carrying a stereo signal and a data signal, said stereo signal being recorded in a first channel on the record carrier.

The invention further relates to a method of recording the stereo signal and the data signal on said record carrier, to a recording apparatus carrying out the method and to a reproducing apparatus for reproducing the stereo signal and the data signal.

A record carrier and apparatuses defined above are known from EP-A-0 372 601. The first channel on the known record carrier has a constant data capacity for carrying the stereo signal and the data signal. Said document describes a general method for burying the data signal in the stereo signal. Sometimes the data capacity of the first channel is not sufficient to carry both the stereo signal and the data signal without losing too much signal quality.

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It is an object of the invention to provide a record carrier able to carry a stereo signal and a data signal with increased data capacity for the stereo signal and the data signal.

The record carrier in accordance with the invention is characterized in that the data signal comprises a first portion and a remaining portion, said first portion being combined with said stereo signal to obtain a composite signal being recorded in said first channel on said record carrier and the remaining portion being recorded in a second channel on said record carrier.

In an embodiment of the record carrier, the record carrier is characterized in that said first channel is represented by first variations of a first physical parameter of the record carrier and said second channel is represented by second variations of a second physical parameter of the record carrier, said second physical parameter differing from said first physical parameter.

The recording method in accordance with the invention is defined as claimed in claim 12 to 17. The recording apparatus in accordance with the invention is the subject of