DESCRIPTION

Title of Invention: RECORDING MEDIUM, PLAYBACK METHOD, AND PLAYBACK DEVICE

Technical Field

[0001]

The present disclosure relates to a recording medium in which is recorded an encoded video stream, a playback method of the video stream, and a playback device.

Background Art

[0002]

Technology relating to DVDs has conventionally been disclosed (e.g., PTL 1).

Citation List

Patent Literature

[0003]

PTL 1: Japanese Unexamined Patent Application Publication No. 9-282848

Summary

[0004]

Recorded in a recording medium according to an aspect of the present disclosure is a video stream that is encoded video information, map information, and bitrate information of the video stream. The map information includes playback start time information of a picture that is included in the video stream and is independently decodable, start position information indicating a data start position of the picture in the video stream, and size information indicating data size of a section where the picture is recorded in the video stream, based on a predetermined stipulated data size. The stipulated data size differs in accordance with the bitrate information.

According to an aspect of the present disclosure, there is a playback method of reading out and playing content from a recording medium, wherein recorded in the recording medium is a video stream that is encoded video information, map information, and bitrate information of the video stream, wherein the map information includes playback start time information of a picture that is included in the video stream and is independently decodable, start position information indicating a data start position of the picture in the video stream, and size

information indicating data size of a section where the picture is recorded in the video stream, based on a predetermined stipulated data size, and wherein the stipulated data size differs in accordance with the bitrate information, the playback method comprising: reading out the map information and bitrate information; determining the stipulated data size of the size information included in the map information that has been read out, in accordance with the bitrate information that has been read out; acquiring the picture from the video stream based on the results of determination, and the start position information and the size information included in the map information that has been read out; and decoding and playing the acquired picture.

[0005]

According to the above aspect, further improvement can be realized.

Brief Description of Drawings

[0006]

[Fig. 1] Fig. 1 is a diagram illustrating an SD-DVD structure.

[Fig. 2] Fig. 2 is a schematic diagram for describing navigation information embedded in an MPEG stream, which is AV data.