

Abstract

RECORDING MEDIUM ON WHICH 3D VIDEO IS RECORDED, RECORDING MEDIUM
FOR RECORDING 3D VIDEO, AND REPRODUCING DEVICE AND METHOD FOR
5 REPRODUCING 3D VIDEO

Whether or not underflow is being occurred or underflow is
highly likely to occur is judged based on an image encoded data amount
in a reception buffer at a time of the judgment or a change in the
10 image encoded data amount with time. When the judgment is affirmative,
a composite image data piece corresponding to one frame is generated
by extracting an image data piece in the frame memory, decoding part
of an image encoded data piece in the reception buffer and replacing
part of the extracted the image data piece with the decoded part
15 of the image encoded data piece. Composite image data pieces are
repeatedly generated such that an occupancy ratio of replaced part
of the image data piece increases each time a piece of the composite
image data is newly generated, and the composite image data pieces
are outputted in order of generation.

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Figure 10