

Title (en)
AUDIO REPRODUCING DEVICE AND AUDIO REPRODUCING METHOD

Title (de)
AUDIOABSPIELVORRICHTUNG UND AUDIOABSPIELVERFAHREN

Title (fr)
DISPOSITIF ET PROCÉDÉ DE LECTURE AUDIO

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Application
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Abstract (en)
This invention prevents occurrence of abnormal sounds without significantly increasing calculation amount even for multi-channel signals. An audio reproducing device (100) decodes and reproduces a stream including basic codec. The audio reproducing device (100) includes: a stream separating unit (101) which separates the stream into basic codec and bandwidth extension data; a basic codec analyzing unit (102) which analyzes the basic codec; a basic codec decoding unit (103) which decodes the basic codec in accordance with basic codec analysis information; a bandwidth extension data analyzing unit (104) which analyzes bandwidth extension data; a first bandwidth extension processing unit (106) which extends a decoded basic codec signal by using the bandwidth extension information; a second bandwidth extension processing unit (107) which extends a decoded basic codec signal by using the bandwidth extension information with an accuracy higher than an accuracy of the first bandwidth extension processing unit (106); and a switching unit (109) which switches between the first bandwidth extension processing unit (106) and the second bandwidth extension processing unit (107) based on the basic codec analysis information.

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