

**Audio Decoder, Audio Encoder, Method for Providing a Decoded Audio Signal,
Method for Providing an Encoded Audio Signal, Audio Stream, Audio Stream
Provider and Computer Program Using a Stream Identifier**

5

Abstract

An audio decoder for providing a decoded audio signal representation on the basis of an encoded audio signal representation is configured to adjust decoding parameters in dependence on a configuration information and is also configured to decode one or more audio frames using a current configuration information. The audio decoder is configured to compare a configuration information in a configuration structure associated with one or more frames to be decoded by the current configuration information, and to make a transition to perform a decoding using the configuration information in the configuration structure associated with the one or more frames to be decoded as a new configuration information if the configuration information in the configuration structure associated with the one or more frames to be decoded, or a relevant portion of the configuration information in the configuration structure associated with the one or more frames to be decoded, is different from the current configuration information. The audio decoder is configured to consider a stream identifier information included in the configuration structure when comparing the configuration information, such that a difference between a stream identifier previously acquired by the audio decoder and a stream identifier represented by the stream identifier information in the configuration structure associated with the one or more frames to be decoded causes to make the transition.

25

Figure 1