

**Device and method for generating an encoded stereo signal
of an audio piece or audio datastream**

Abstract

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A device for generating an encoded stereo signal from a multi-channel representation includes a multi-channel decoder (11) generating three or more multi-channels from at least one basic channel and parametric information. The
10 three or more multi-channels are subjected to headphone signal processing (12) to generate an uncoded first stereo channel and an uncoded second stereo channel which are then supplied to a stereo encoder (13) to generate an encoded stereo file on the output side. The encoded stereo file may
15 be supplied to any suitable player in the form of a CD player or a hardware player such that a user of the player does not only get a normal stereo impression but a multi-channel impression.

20 Fig. 1