

**Audio Decoder and Method for Providing a Decoded Audio Information using an
Error Concealment Modifying a Time Domain Excitation Signal**

5

Abstract

10 An audio decoder (200; 400) for providing a decoded audio information (220; 412) on the
basis of an encoded audio information (210;410). The audio decoder comprises an error
concealment (240; 480; 600) configured to provide an error concealment audio
information (242;482;612) for concealing a loss of an audio frame, wherein the error
concealment is configured to modify a time domain excitation signal (452,456;610)
15 obtained for one or more audio frames preceding a lost audio frame, in order to obtain the
error concealment audio information.

Fig. 2