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(71) Applicants: **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastrasse 27c, 80686 München (DE). **FRIEDRICH-ALEXANDER-UNIVERSITAET ERLANGEN-NUERNBERG** [DE/DE]; Schlossplatz 4, 91054 Erlangen (DE).

(72) Inventors: **DISCH, Sascha**; Wilhelmstrasse 70, 90766 Fürth (DE). **SCHUBERT, Benjamin**; Zickstrasse 6, 90429 Nürnberg (DE). **GEIGER, Ralf**; Jakob-Herz-Weg 36, 91052 Erlangen (DE). **EDLER, Bernd**; Unterfarrnbacher Strasse 29, 90766 Fürth (DE). **DIETZ, Martin**; Deutschherrnstrasse 37, 90429 Nürnberg (DE).

(74) Agents: **ZINKLER, Franz** et al.; P.O. Box 246, 82043 Pullach (DE).

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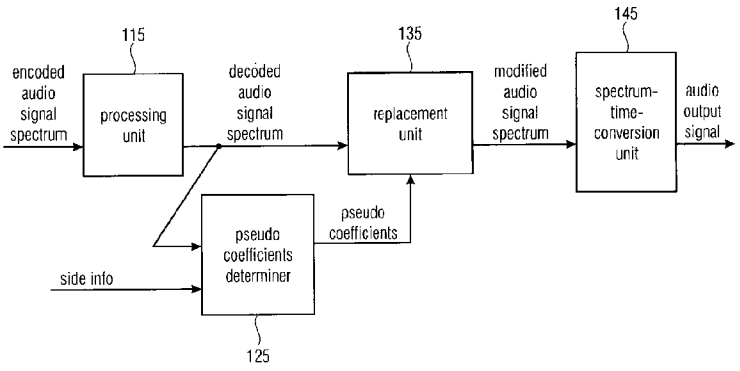


FIG 1A

(57) Abstract: An apparatus for generating an audio output signal based on an encoded audio signal spectrum is provided. The apparatus comprises a processing unit (1 15) for processing the encoded audio signal spectrum to obtain a decoded audio signal spectrum comprising a plurality of spectral coefficients, wherein each of the spectral coefficients has a spectral location within the encoded audio signal spectrum and a spectral value, wherein the spectral coefficients are sequentially ordered according to their spectral location within the encoded audio signal spectrum so that the spectral coefficients form a sequence of spectral coefficients. Moreover, the apparatus comprises a pseudo coefficients determiner (125) for determining one or more pseudo coefficients of the decoded audio signal spectrum, each of the pseudo coefficients having a spectral value. Furthermore, the apparatus comprises a replacement unit (135) for replacing at least one or more pseudo coefficients by a determined spectral pattern to obtain a modified audio signal spectrum, wherein the determined spectral pattern comprises at least two pattern coefficients, wherein each of the at least two pattern coefficients has a spectral value. Moreover, the apparatus comprises a spectrum-time-conversion unit (145) for converting the modified audio signal spectrum to a time-domain to obtain the audio output signal.

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