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14178815.8 28 July 2014 (28.07.2014) EP(71) Applicant: **FRAUNHOFER-GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.** [DE/DE]; Hansastraße 27c, 80686 München (DE).(72) Inventors: **SCHMIDT, Konstantin**; Heerwagenstr. 21, 90489 Nürnberg (DE). **FUCHS, Guillaume**; Fürther Str. 17, 91058 Erlangen (DE). **NEUSINGER, Matthias**; Bergstr. 10, 91186 Rohr (DE). **DIETZ, Martin**; Deutschhermstr. 37, 90429 Nürnberg (DE).(74) Agents: **SCHENK, Markus** et al.; P.O. Box 246, 82043 Pullach (DE).

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(54) Title: ENCODER FOR ENCODING AN AUDIO SIGNAL, AUDIO TRANSMISSION SYSTEM AND METHOD FOR DETERMINING CORRECTION VALUES

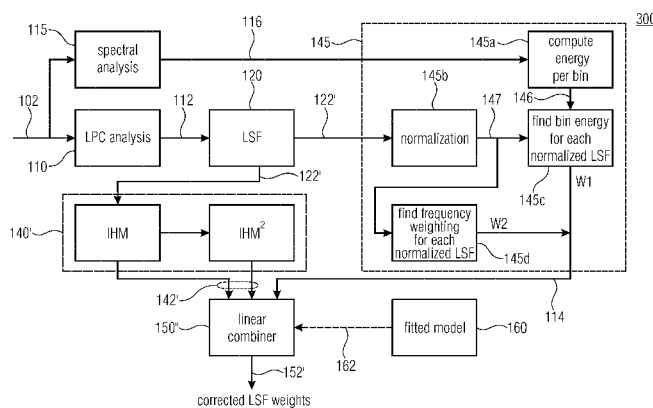


FIG 3

(57) **Abstract:** An encoder for encoding an audio signal comprises an analyzer configured for analyzing the audio signal and for determining analysis prediction coefficients from the audio signal. The encoder further comprises a converter configured for deriving converted prediction coefficients from the analysis prediction coefficients, a memory configured for storing a multitude of correction values and a calculator. The calculator comprises a processor configured for processing the converted prediction coefficients to obtain spectral weighting factors. The calculator further comprises a combiner configured for combining the spectral weighting factors and the multitude of correction values to obtain corrected weighting factors. A quantizer of the calculator is configured for quantizing the converted prediction coefficients using the corrected weighting factors to obtain a quantized representation of the converted prediction coefficients. The encoder comprises a bitstream former configured for forming an output signal based on the quantized representation of the converted prediction coefficients and based on the audio signal.