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(71) Applicant *(for all designated States except US)*: **FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E. V.** [DE/DE]; Hansastrasse 27c, 80686 München (DE).

(71) Applicant *(for US only)*: **SCHULLER, Gerald** [DE/DE]; Leopoldstr. 13, 99089 Erfurt (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **HERRE, Juergen** [DE/DE]; Hallerstr. 24, 91054 Buckenhof (DE). **GRILL, Bernhard** [DE/DE]; Am Schwabenweiher 29, 91207 Lauf (DE). **MULTRUS, Markus** [DE/DE]; Etzlaubweg 7, 90469 Nuernberg (DE). **BAYER, Stefan** [DE/DE]; Johannisstr, 148, 90419 Nuernberg (DE). **KRAEMER, Ulrich** [DE/DE]; Erfurter Str. 31 c, 98693 Ilmenau (DE). **HIRSCHFELD, Jens** [DE/DE]; Steinweg 32, 36266 Heringen (DE). **WABNIK, Stefan** [DE/DE]; Fichtenweg 5, 98693 Ilmenau (DE).

(74) Agents: **ZINKLER, Franz** et al.; SCHOPPE, ZIMMERMANN, STÖCKELER & ZINKLER, Postfach 246, 82043 Pullach bei München (DE).

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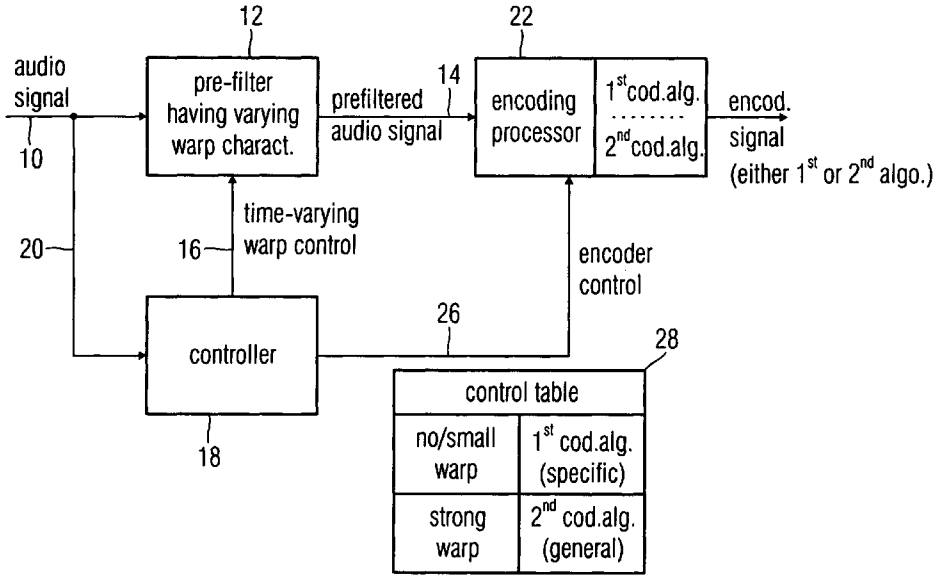
(54) Title: AUDIO ENCODER, AUDIO DECODER AND AUDIO PROCESSOR HAVING A DYNAMICALLY VARIABLE HARPING CHARACTERISTIC



(57) Abstract: An audio encoder, an audio decoder or an audio processor includes a filter (12) for generating a filtered audio signal, the filter having a variable warping characteristic, the characteristic being controllable in response to a time-varying control signal (16), the control signal indicating a small or no warping characteristic or a comparatively high warping characteristic. Furthermore, a controller (18) is connected for providing the time-varying control signal, which depends on the audio signal. The filtered audio signal can be introduced to an encoding processor (22) having different encoding algorithms, one of which is a coding algorithm adapted to a specific signal pattern. Alternatively, the filter is a post-filter receiving a decoded audio signal.

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