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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).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **SCHNELL,**

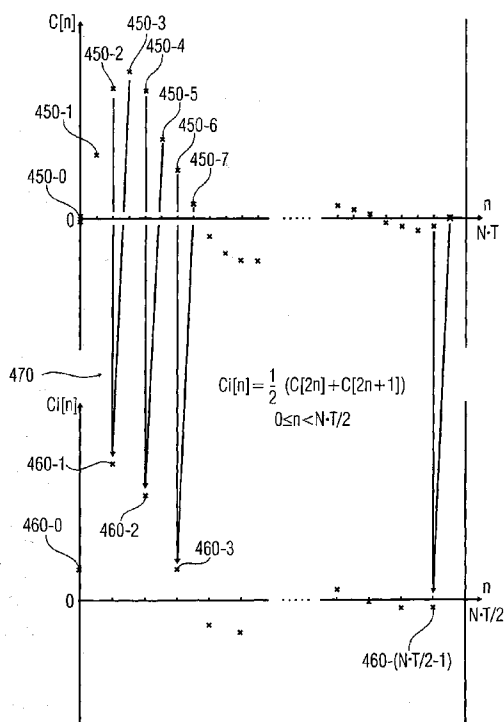
Markus [DE/DE]; Hartmannstrasse 7, 91052 Erlangen (DE). **LUTZKY, Manfred** [DE/DE]; Heinrich-von-Brentano-Strasse 9, 90427 Nürnberg (DE). **LOHWASSER, Markus** [DE/DE]; Westpreussenstrasse 3B, 91217 Hersbruck (DE). **SCHMIDT, Markus** [DE/DE]; Zeppelinstrasse 28b, 91052 Erlangen (DE). **GAYER, Marc** [DE/DE]; Haagstrasse 32, 91054 Erlangen (DE). **MELLAR, Michael** [DE/DE]; Krappstrasse 15, 67067 Ludwigshafen (DE). **EDLER, Bernd** [DE/DE]; Hemelingstrasse 10, 30419 Hannover (DE). **MULTRUS, Markus** [DE/DE]; Etzlaubweg 7, 90469 Nuernberg (DE). **SCHULLER, Gerald** [DE/DE]; Leopoldstrasse 13, 99089 Erfurt (DE). **GEIGER, Ralf** [DE/DE]; Münzstrasse 8c, 98693 Ilmenau (DE). **GRILL, Bernhard** [DE/DE]; Am Schwabenweiher 29, 91207 Lauf (DE).

- (74) Agents: **ZINKLER, Franz** et al.; Schoppe, Zimmermann, Stöckeler & Zinkler, Postfach 246, 82043 Pullach bei München (DE).

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(54) Title: APPARATUS AND METHOD FOR GENERATING AUDIO SUBBAND VALUES AND APPARATUS AND METHOD FOR GENERATING TIME-DOMAIN AUDIO SAMPLES



(57) Abstract: An embodiment of an apparatus (100) for generating audio subband values in audio subband channels comprises an analysis windower (110) for windowing a frame (120) of time-domain audio input samples being in a time sequence extending from an early sample to a later sample using an analysis window function (190) comprising a sequence of window coefficients to obtain windowed samples. The analysis window function comprises a first number of window coefficients derived from a larger window function comprising a sequence of a larger second number of window coefficients, wherein the window coefficients of the window function are derived by an interpolation of window coefficients of the larger window function. The apparatus (100) further comprises a calculator (170) for calculating the audio subband values using the windowed samples.



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