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(54) **Title:** CONCEPT FOR ENCODING AN AUDIO SIGNAL AND DECODING AN AUDIO SIGNAL USING DETERMINISTIC AND NOISE LIKE INFORMATION

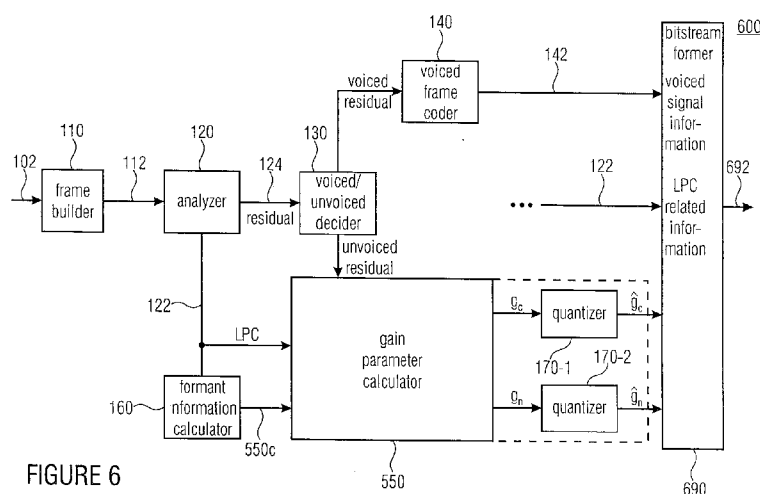


FIGURE 6

(57) **Abstract:** An encoder for encoding an audio signal comprises: an analyzer (120; 320) configured for deriving prediction coefficients (122; 322) and a residual signal from an unvoiced frame of the audio signal (102); a gain parameter calculator (550; 550') configured for calculating a first gain parameter (g_c) information for defining a first excitation signal ($c(n)$) related to a deterministic codebook and for calculating a second gain parameter (g_n) information for defining a second excitation signal ($n(n)$) related to a noise-like signal for the unvoiced frame; and a bitstream former (690) configured for forming an output signal (692) based on an information (142) related to a voiced signal frame, the first gain parameter (g_c) information and the second gain parameter (g_n) information.