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(54) **Title:** APPARATUS AND METHOD FOR DECODING AN ENCODED AUDIO SIGNAL USING A CROSS-OVER FILTER AROUND A TRANSITION FREQUENCY

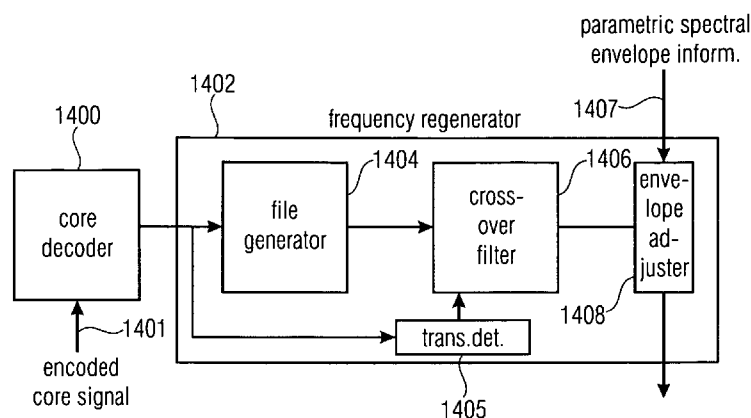


FIG 14A

(57) **Abstract:** Apparatus for decoding an encoded audio signal comprising an encoded core signal (1), comprising: a core decoder (1400) for decoding the encoded core signal (1401) to obtain a decoded core signal; a tile generator (1404) for generating one or more spectral tiles having frequencies not included in the decoded core signal using a spectral portion of the decoded core signal; and a cross-over filter (1406) for spectrally cross-over filtering the decoded core signal and a first frequency tile having frequencies extending from a gap filling frequency (309) to an upper border frequency or for spectrally cross-over filtering a first frequency tile and a second frequency tile.