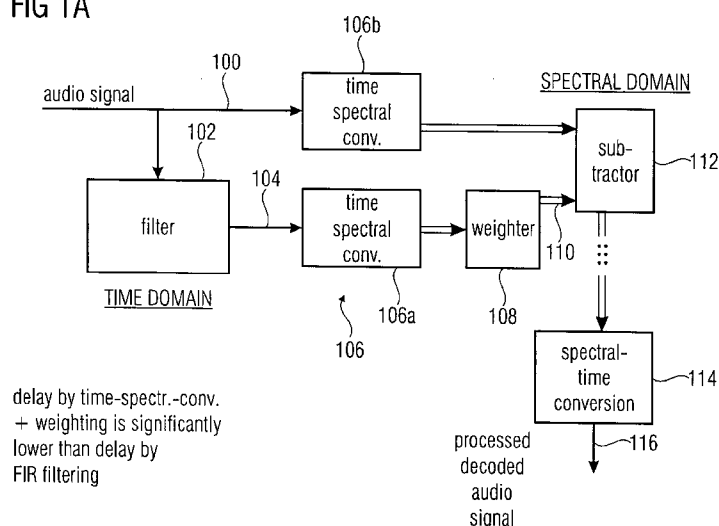




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(54) **Title:** APPARATUS AND METHOD FOR PROCESSING A DECODED AUDIO SIGNAL IN A SPECTRAL DOMAIN

FIG 1A



(57) **Abstract:** An apparatus for processing a decoded audio signal (100) comprising a filter (102) for filtering the decoded audio signal to obtain a filtered audio signal (104), a time-spectral converter stage (106) for converting the decoded audio signal and the filtered audio signal into corresponding spectral representations, each spectral representation having a plurality of subband signals, a weighter (108) for performing a frequency selective weighting of the filtered audio signal by a multiplying subband signals by respective weighting coefficients to obtain a weighted filtered audio signal, a subtractor (112) for performing a subband-wise subtraction between the weighted filtered audio signal and the spectral representation of the decoded audio signal, and a spectral-time converter (114) for converting the result audio signal or a signal derived from the result audio signal into a time domain representation to obtain a processed decoded audio signal (116).