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61/385,428 22 September 2010 (22.09.2010) US(71) Applicants (for all designated States except US): **DOLBY LABORATORIES LICENSING CORPORATION** [US/US]; 100 Potrero Avenue, San Francisco, California 94103-4813 (US). **DOLBY INTERNATIONAL AB** [SE/NL]; Apollo Building, 3E, Herikerbergweg 1-35, NL-1101 CN Amsterdam Zuidoost (NL).

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(54) Title: AUDIO STREAM MIXING WITH DIALOG LEVEL NORMALIZATION

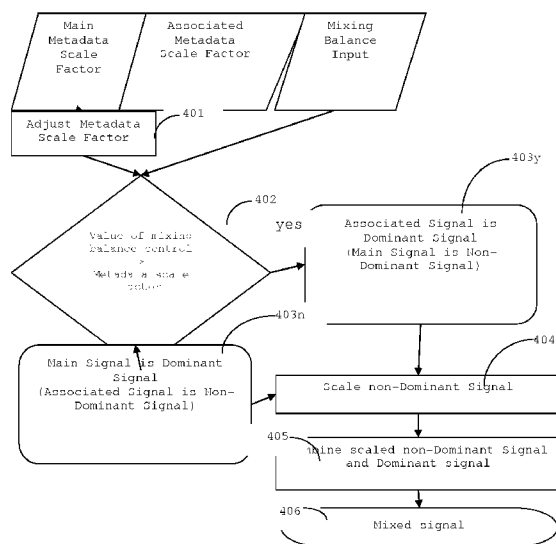


FIGURE 4

(57) Abstract: A method for mixing of audio signals that allows maintaining of a consistent perceived sound level for the mixed signal by holding the sound level of the dominant signal in the mix constant by adjusting the sound level of the non-dominant signal(s) in relation to the dominant signal. It further includes receiving of a mixing balance input, which denotes the adjustable balance between the main and associated signals. It further includes identification of the dominant signal from the mixing balance input and mixing metadata, from which an appropriate scale factor for the non-dominant signal may also be determined directly from the scaling information, without the need for any analysis or measurement of the audio signals to be mixed. It further includes scaling the non-dominant signal in relation to the dominant signal and combining the scaled non-dominant signal with the dominant signal into a mixed signal.



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