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(54) Title: SYSTEM AND METHOD FOR AUDIO MEDIA RECOGNITION

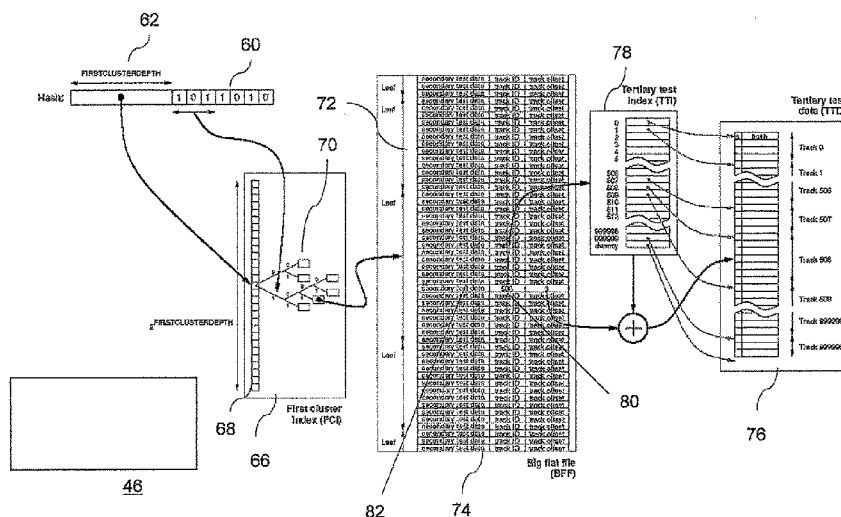


FIG. 6

(57) Abstract: Automatic recognition of sample media content is provided. A spectrogram is generated for successive time slices of audio signal. One or more sample hash vectors are generated for a time slice by calculating ratios of magnitudes of respective frequency bins from a column for the time slice. In a primary evaluation stage an exact match of bits of the sample hash vector is performed to entries in a look-up table to identify a group of one or more reference hash vectors. In a secondary evaluation stage a degree of similarity between the sample hash vector and each of the group of reference hash vectors is performed to identify any reference hash vectors that are candidates for matching the sample media content, each reference hash vector representing a time slice of reference media content.