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(54) **SYSTEMS, METHODS, AND APPLICATIONS FOR TRANSCODING DATA INTO MEDIA FILES**

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(57) **ABSTRACT**

A computer-implemented method that comprises determining clear data from one or more input files, generating a second file, which is user-recognizable as an audio and/or visual file, by transcoding the clear data into transcoded data using at least one encoding domain, wherein the transcoded data within the second file is no longer user-recognizable as the clear data. Transcoding clear data comprises: determining presentation properties for generating the second file according to presentation elements; determining a mapping associated with the at least one encoding domain; generating the presentation elements representing the clear data values of the clear data; and generating the transcoded data of the second file by combining, based on the presentation properties, the presentation elements such that, upon a presentation of the second file at a user interface, the transcoded data is audibly and/or visually user-recognizable based on the presentation properties.