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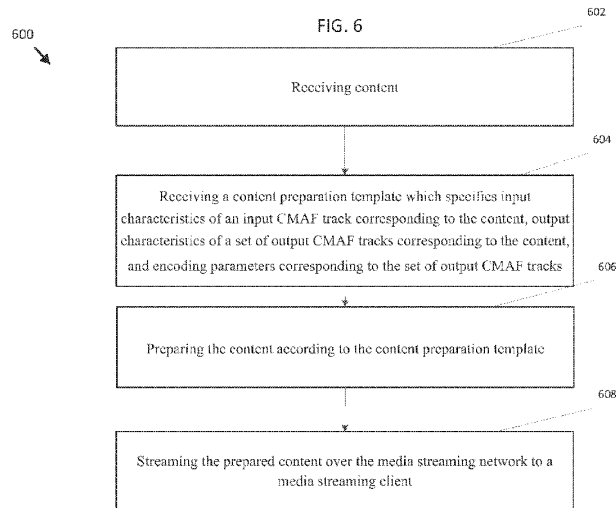
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(54) Title: MANIFEST BASED CMAF CONTENT PREPARATION TEMPLATE FOR 5G NETWORKS



(57) Abstract: Systems, devices, and methods for media processing and streaming, including receiving content to be prepared for a 5G media streaming (5GMS) network; receiving a content preparation template (CPT), wherein the CPT specifies input characteristics of an input Common Media Application Format (CMAF) track corresponding to the content, output characteristics of a set of output CMAF tracks corresponding to the content, and encoding parameters corresponding to the set of output CMAF tracks; preparing the content according to the CPT; and streaming the prepared content over the 5GMS network to a media streaming client.

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