

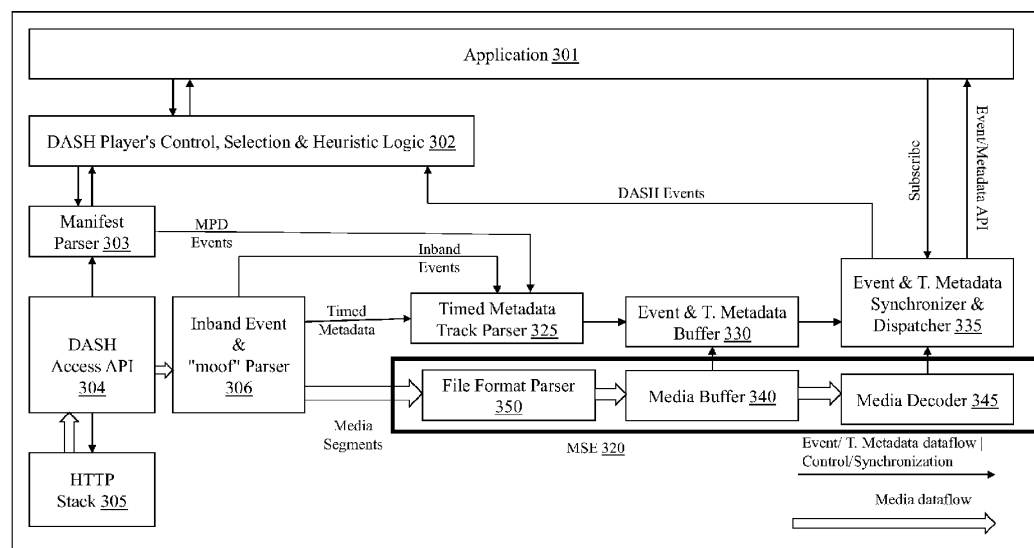


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(54) Title: AUXILIARY MPDS FOR MPEG DASH TO SUPPORT PREROLLS, MIDROLLS AND ENDROLLS WITH STACKING PROPERTIES

300

FIG. 3



(57) Abstract: A method and apparatus may be provided for signaling auxiliary media content over a (DASH) media stream. The method may include receiving one or more auxiliary descriptors, wherein a respective auxiliary descriptor among the one or more auxiliary descriptors includes a Uniform Resource Locator (URL) referencing one or more auxiliary media presentation descriptions (MPDs) and a stack mode value indicating a stack operation supported by a main DASH media stream. The method may also include retrieving one or more auxiliary media segments based on the URL referenced in the respective auxiliary descriptors among the one or more auxiliary descriptors, and playing the one or more auxiliary media segments and the one or more main DASH media segments from a media source extension (MSE) source buffer at least once in at least one order based on the one or more auxiliary descriptors and the stack mode value.

[Continued on next page]

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