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(54) **Title:** MOST PROBABLE MODE LIST CONSTRUCTION FOR MATRIX-BASED INTRA PREDICTION

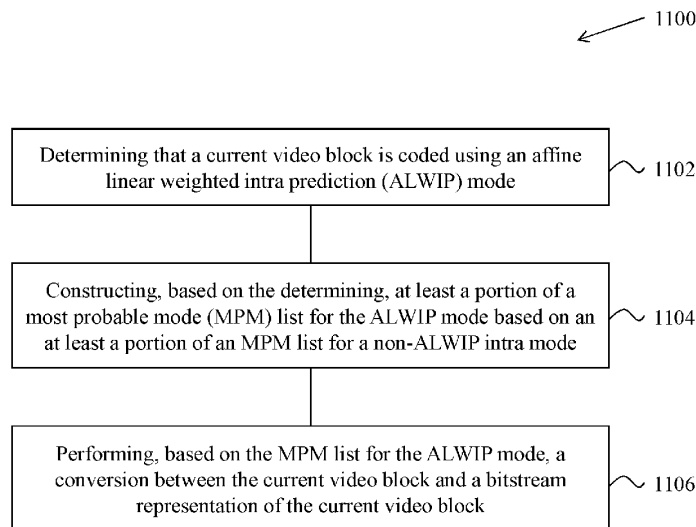


FIG. 11

(57) **Abstract:** Devices, systems and methods for digital video coding, which includes matrix-based intra prediction methods for video coding, are described. In a representative aspect, a method for video processing includes generating, for a conversion between a current video block of a video and a coded representation of the current video block, a most probable mode (MPM) list based on a rule, where the rule is based on whether a neighboring video block of the current video block is coded with a matrix based intra prediction (MIP) mode, and performing the conversion between the current video block and the coded representation of the current video block using the MPM list, where the conversion applies a non-MIP mode to the current video block, and where the non-MIP mode is different from the MIP mode.

[Continued on next page]

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