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(54) **Title:** AFFINE MOTION VECTOR PREDICTION IN VIDEO CODING

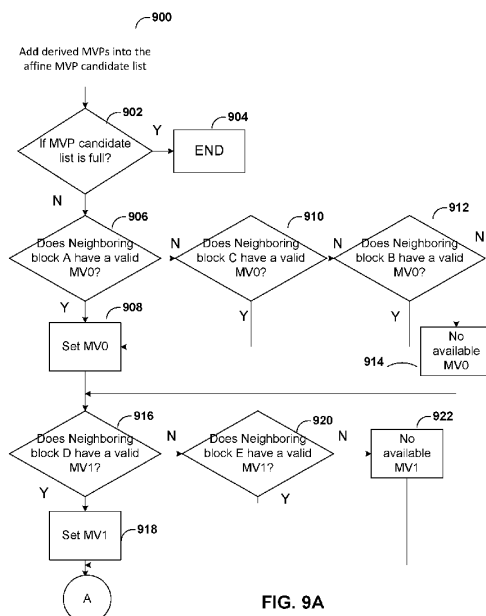


FIG. 9A

(57) **Abstract:** A method and system of coding video data using affine motion compensation is described. A method may include receiving a current block of video data that is to be decoded using affine motion compensation, and constructing an affine motion vector predictor (MVP) list for one or more control points of the current block of video data, including adding a motion vector from a neighboring block of video data to the affine MVP list in the case that the motion vector has an associated reference picture that is the same as a target reference picture for the current block of video data. A video coder may determine motion vectors for the one or more control points using the affine MVP list, and code the current block of video data with the determined motion vectors for the one or more control points of the current block of video data.

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