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(54) Title: INTERDEPENDENCE BETWEEN ADAPTIVE RESOLUTION OF MOTION VECTOR DIFFERENCE AND SIG-
NALING/DERIVATION OF MOTION VECTOR-RELATED PARAMETERS

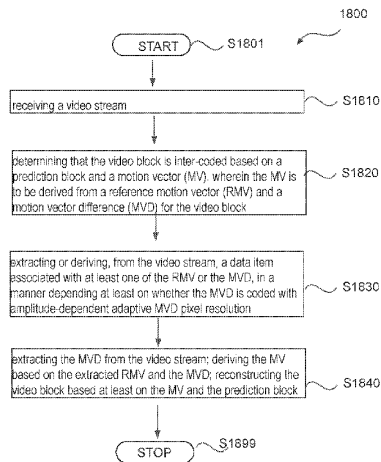


FIG. 18

(57) Abstract: This disclosure signaling of motion vector or motion vector difference dependent on whether magnitude-dependent adaptive motion vector difference pixel resolution is employed or not in video encoding and decoding. An example method for processing a video block of a video stream is disclosed. The method may include receiving the video stream; determining that the video block is inter-coded based on a prediction block and a motion vector (MV), wherein the MV is to be derived from a reference motion vector (RMV) and a motion vector difference (MVD) for the video block; extracting or deriving, from the video stream, a data item associated with at least one of the RMV or the MVD.

WO 2023/140883 A1

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