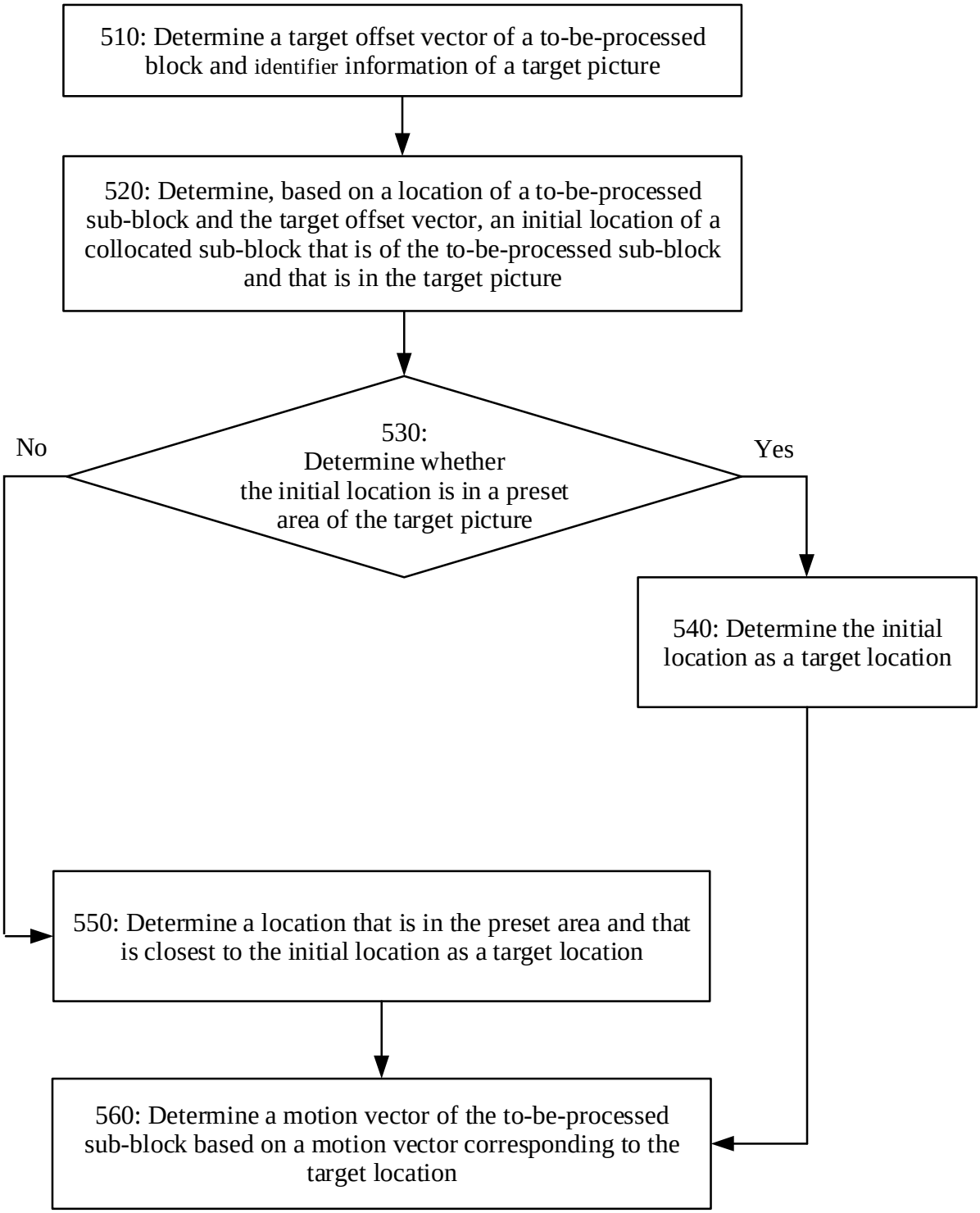

510: Determine a target offset vector of a to-be-processed block and identifier information of a target picture
520: Determine, based on a location of a to-be-processed sub-block and the target offset vector, an initial location of a collocated sub-block that is of the to-be-processed sub-block and that is in the target picture
530: Determine whether the initial location is in a preset area of the target picture
No
Yes
540: Determine the initial location as a target location
550: Determine a location that is in the preset area and that is closest to the initial location as a target location
560: Determine a motion vector of the to-be-processed sub-block based on a motion vector corresponding to the target location

FIG. 15

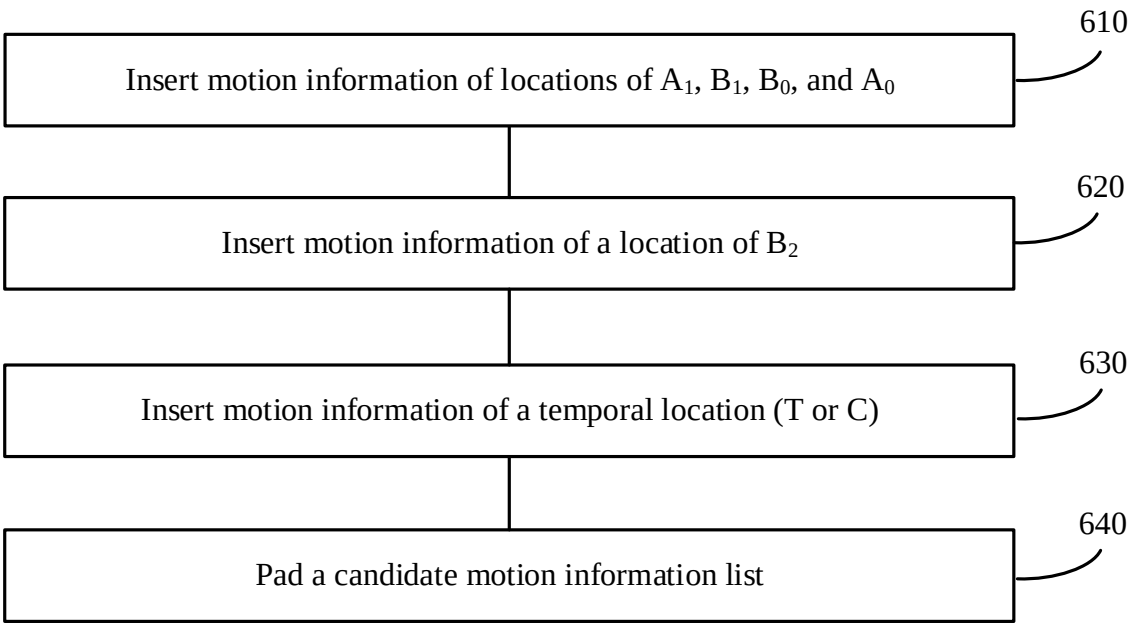

610
Insert motion information of locations of A_1, B_1, B_0, and A_0
620
Insert motion information of a location of B_2
630
Insert motion information of a temporal location (T or C)
640
Pad a candidate motion information list

FIG. 18

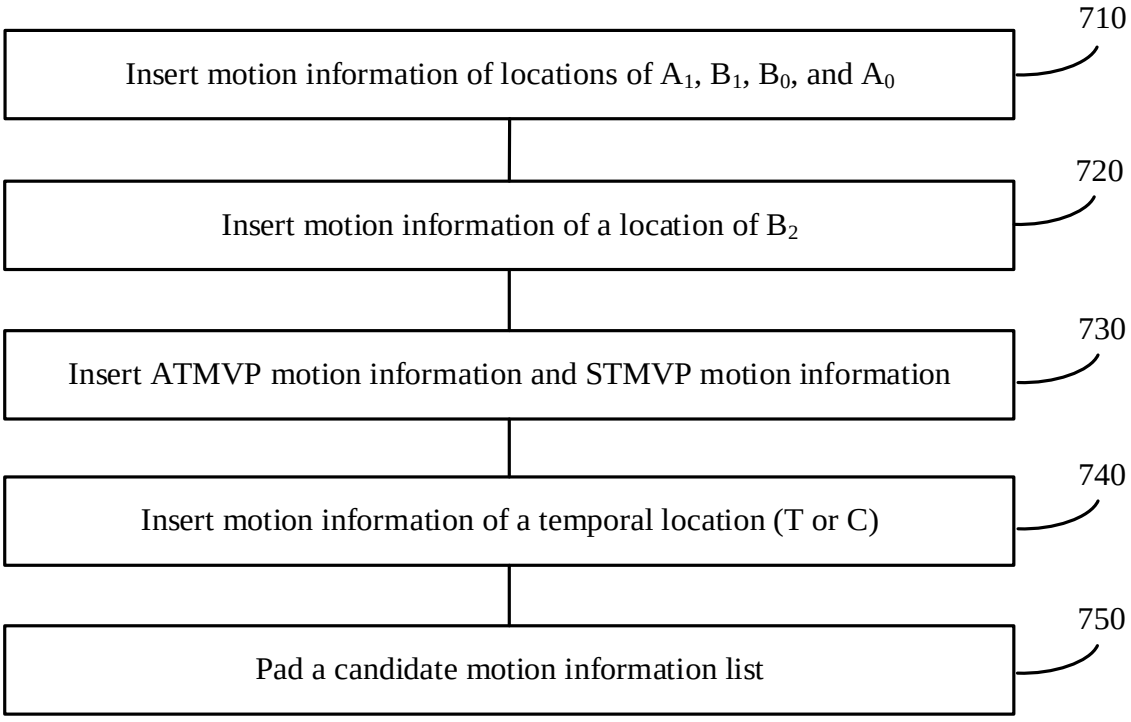

710
Insert motion information of locations of A_1, B_1, B_0, and A_0
720
Insert motion information of a location of B_2
730
Insert ATMVP motion information and STMVP motion information
740
Insert motion information of a temporal location (T or C)
750
Pad a candidate motion information list

FIG. 19