

METHOD AND APPARATUS FOR BUILDING MOTION VECTOR LIST FOR MOTION VECTOR PREDICTION

ABSTRACT

Relating to the field of video coding, the present invention provides a method and an apparatus for building a motion vector list for motion vector prediction, which solve a problem of building motion vector lists of at least two PUs in a same coding unit in a serial manner, and improve the parallel processing capability. The method includes: obtaining spatial neighboring blocks of a current prediction block, where the current prediction block is located inside a current coding unit; determining available neighboring blocks of the current prediction block according to a partition manner of the current coding unit, where the available neighboring blocks are located outside the current coding unit; and obtaining motion vector predictors from the available neighboring blocks in a preset sequence according to motion vector predictors of the available neighboring blocks, and adding the obtained motion vector predictors to the motion vector list.

Figure 3