ABSTRACT

MOTION VECTOR DETERMINATION FOR VIDEO CODING

For each prediction unit (PU) belonging to a coding unit (CU), a video coder generates a candidate list. The video coder generates the candidate list such that each candidate in the candidate list that is generated based on motion information of at least one other PU is generated without using motion information of any of the PUs belonging to the CU. After generating the candidate list for a PU, the video coder generates a predictive video block for the PU based on one or more reference blocks indicated by motion information of the PU. The motion information of the PU is determinable based on motion information indicated by a selected candidate in the candidate list for the PU.

Fig. 1