

ABSTRACT

METHOD FOR CONSTRUCTING CANDIDATE MOTION INFORMATION LIST, INTER PREDICTION METHOD, AND APPARATUS

5 Embodiments of this application relate to the field of video image coding technologies, and disclose a method for constructing a candidate motion information list, a prediction method, and an apparatus, to achieve low calculation complexity and a low delay. The construction method includes: performing a first processing process on all neighboring image blocks of a current image block until a quantity of candidate motion information sets in a candidate motion information list is equal to a first preset value or all the neighboring image blocks are traversed; then traversing
10 at least two extra to be selected motion information sets, and storing, in the candidate motion information list, an extra to be selected motion information set that satisfies a preset condition, until the quantity of candidate motion information sets in the candidate motion information list is equal to a preset quantity value or the extra to be selected motion information sets are traversed; and if a quantity of candidate motion information sets in the candidate motion information list is less than the preset quantity value after the extra to be selected motion information sets are traversed,
15 filling the candidate motion information list with a first preset candidate motion information set until the quantity of candidate motion information sets in the candidate motion information list is equal to the preset quantity value.

Fig. 6