ABSTRACT

~~The present application provides m~~Methods, apparatuses, devices and storage media for decoding and encoding are provided. In one aspect, ~~The~~ a decoding method ~~comprises~~ includes: obtaining a value of an Enhanced Temporal Motion Vector Prediction (ETMVP) mode flag and an ETMVP mode index value for a current coding unit (CU); when the value of the ETMVP mode flag is a first value, determining coordinate information of an initial matching CU of the current CU according to coordinate information of the current CU; constructing an enhanced temporal candidate list based on the coordinate information of the initial matching CU; determining coordinate information of a target matching CU according to the ETMVP mode index value; and determining motion information of a subblock at a corresponding position in the current CU according to the motion information of the target matching CU. ~~The method can improve the encoding and decoding performance effectively.~~

[Fig. 3]