

ABSTRACT

This application pertains to the field of image compression, and discloses an encoding method, apparatus, and device, a decoding method, apparatus, and device, a storage medium, and a computer program. The method includes: obtaining a target region; determining a position vector difference of a current block to be encoded in the target region; determining, based on a target alignment size and the position vector difference, position identification data corresponding to the position vector difference and a first flag bit; and encoding the position identification data and the first flag bit into a bitstream. Because the position identification data may be a multiple of the position vector difference relative to the target alignment size, a bit cost for encoding the position identification data corresponding to the position vector difference and the first flag bit is usually less than a bit cost for directly encoding the position vector difference. Encoding the position identification data and the first flag bit into the bitstream can effectively reduce a quantity of bits required for encoding the position vector difference, thereby ensuring relatively high efficiency of encoding an image including text content.