

ABSTRACT

**METHOD FOR SELECTING MOTION VECTORS AND IMAGE PROCESSING DEVICE
IMPLEMENTING THE SAID METHOD**

The invention relates to a method of selecting motion vectors in a system comprising a motion estimator, the said motion estimator calculating values of an evaluation function, each value corresponding to a block of pixels of a reference window with respect to a current block of pixels, the relative position of the said blocks being described by a motion vector.

The said method is characterized in that it comprises the steps

- of determining the smallest value of the said evaluation function,
- of comparing the norms of the vectors associated with the said smallest value,
- of selecting, from the said associated vectors, the vector having the smallest norm.

The invention also relates to a device for implementing the said method.

The invention applies in particular in the field of image compression.

Figure 10.

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