

Title (en)
PREDICTION OF A MOVEMENT VECTOR OF A CURRENT IMAGE PARTITION HAVING A DIFFERENT GEOMETRIC SHAPE OR SIZE FROM THAT OF AT LEAST ONE ADJACENT REFERENCE IMAGE PARTITION AND ENCODING AND DECODING USING ONE SUCH PREDICTION

Title (de)
VORHERSAGE EINES BEWEGUNGSVEKTORS EINER AKTUELLEN BILDPARTITION MIT UNTERSCHIEDLICHER GEOMETRISCHER FORM ODER GRÖSSE IM VERGLEICH ZU MINDESTENS EINER ANGRENZENDEN REFERENZBILDPARTITION SOWIE CODIERUNG UND DECODIERUNG MIT EINER DERARTIGEN VORHERSAGE

Title (fr)
PRÉDICTION D'UN VECTEUR MOUVEMENT D'UNE PARTITION D'IMAGE COURANTE DE FORME GÉOMÉTRIQUE OU DE TAILLE DIFFÉRENTE DE CELLE D'AU MOINS UNE PARTITION D'IMAGE DE RÉFÉRENCE VOISINE, CODAGE ET DÉCODAGE UTILISANT UNE TELLE PRÉDICTION

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Abstract (en)
[origin: WO2011001078A1] The invention relates to a method for predicting a movement vector (MVp1) of a partition (P1) of a current image (IN) from a plurality of n reference movement vectors associated respectively with n reference partitions that have been previously encoded and decoded. For a spatial prediction of one such vector, when the geometric shape of the current partition is different from that of k adjacent reference partitions (pr1, pr2,..., prk), with k=n, the movement vector of the current image partition is determined from a function of at least one reference movement vector belonging to a set of k reference movement vectors associated respectively with k adjacent reference partitions.

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Citation (search report)
See references of WO 2011001078A1

Citation (examination)
QI H ET AL: "A study on the motion vector prediction schemes for AVS", VISUAL COMMUNICATIONS AND IMAGE PROCESSING; 12-7-2005 - 15-7-2005; BEIJING,, 12 July 2005 (2005-07-12), XP030081057

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