Title (en)

MOTION ANALYSIS IN DIGITAL IMAGE SEQUENCES

Title (de)

BEWEGUNGSANALYSE IN DIGITALEN BILDFOLGEN

Title (fr)

ANALYSE DE MOUVEMENTS DANS DES SEQUENCES D'IMAGES NUMERIQUES

Publication

EP 1989680 A2 20081112 (DE)

Application

EP 07712336 A 20070227

Priority

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Abstract (en)

[origin: WO2007099099A2] The invention relates to methods for determining a motion vector in a predetermined area of a sequence of digital images by comparing a current image to a preceding image. The current image and the preceding image are prepared by the same filter for image adaptation. Distance vectors between a pixel of a current image and balanced pixels of the preceding image in a predetermined environment are determined, said distance vectors being averaged in order to form a displacement vector for the pixel. The displacement vectors are averaged and the displacement vector is produced.

IPC 8 full level

G06T 7/20 (2006.01)

CPC (source: EP US)

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Citation (search report)

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