

Title (en)
A VIDEO CODING SYSTEM

Title (de)
VIDEOKODIERUNGSSYSTEM

Title (fr)
SYSTEME DE CODAGE VIDEO

Publication
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Application
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Abstract (en)
[origin: WO0007375A1] A motion estimation method and system for a video coder are disclosed. The system comprises an input for a video image (6) to be coded. It also comprises a series of motion estimators of varying complexity, for estimating a motion vector field between the received image (6) and a reference image (5). The subsequent motion estimator in the series is selected by a control means (50) if a prediction error associated with the motion vector field estimated by the currently selected motion estimator exceeds a predetermined threshold. Smoothing means (10) and sub-sampling means (20) are provided. Preferably the two are inter-dependent.

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