

Title (en)
TECHNIQUES TO PERFORM VIDEO STABILIZATION AND DETECT VIDEO SHOT BOUNDARIES BASED ON COMMON PROCESSING ELEMENTS

Title (de)
VERFAHREN FÜR VIDEOSTABILISIERUNG UND ERKENNUNG VON VIDEOAUFNAHMEGRENZEN AUF DER BASIS VON GEMEINEN VERARBEITUNGSELEMENTEN

Title (fr)
TECHNIQUES D'EXÉCUTION DE STABILISATION VIDÉO ET DE DÉTECTION DE LIMITES DE SCÈNES VIDÉO EN FONCTION D'ÉLÉMENTS DE TRAITEMENT COMMUNS

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Application
EP 09848153 A 20090812

Priority
CN 2009000920 W 20090812

Abstract (en)
[origin: WO2011017823A1] An apparatus, a system and a method for performing video stabilization and detecting video shot boundaries are disclosed. The method includes: receiving a current frame of a video; down-scaling the current frame; storing the down-scaled current frame into a portion of a buffer; determining the sum of the absolute differences between the blocks in a down-scaled reference frame and a target block in the down-scaled current frame; determining the inter-frame dominant motion parameters of the down-scaled current frame; and performing at least one of the video stabilization and the shot boundary detection based in part on at least one of the motion parameters and the sum of the absolute differences.

IPC 8 full level
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CPC (source: EP KR)
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