

Title (en)

SYSTEMS AND METHODS FOR GENERATING COMPOSITE IMAGES OF LONG DOCUMENTS USING MOBILE VIDEO DATA

Title (de)

SYSTEME UND VERFAHREN ZUR ERZEUGUNG ZUSAMMENGESETZTER BILDER VON LANGEN DOKUMENTEN MITHILFE MOBILER VIDEODATEN

Title (fr)

SYSTÈMES ET PROCÉDÉS DE GÉNÉRATION D'IMAGES COMPOSITES DE LONGS DOCUMENTS EN UTILISANT DES DONNÉES VIDÉO MOBILES

Publication

EP 3069298 A1 20160921 (EN)

Application

EP 14861942 A 20141114

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Abstract (en)

[origin: CN105830091A] The invention discloses systems and methods for generating composite images of long documents using mobile video data. Systems, methods, and computer program products are disclosed and include: initiating a capture operation using an image capture component of the mobile device, the capture operation comprising: capturing video data; and estimating a plurality of motion vectors corresponding to motion of the image capture component during the capture operation. The systems, techniques, and computer program products also include detecting a document depicted in the video data; tracking a position of the detected document throughout the video data; selecting a plurality of images using the image capture component of the mobile device, wherein the selection is based at least in part on: the tracked position of the detected document; and the estimated motion vectors; and generating a composite image based on at least some of the selected plurality of images.

IPC 8 full level

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