

Title (en)

SYSTEM AND METHOD FOR RESTORATION OF DYNAMIC RANGE OF IMAGES AND VIDEO

Title (de)

SYSTEM UND VERFAHREN ZUR WIEDERHERSTELLUNG DES DYNAMIKBEREICHES VON BILDERN UND VIDEO

Title (fr)

SYSTÈME ET PROCÉDÉ DE RESTAURATION DE PLAGE DYNAMIQUE D'IMAGES ET DE VIDÉOS

Publication

**EP 3195202 A1 20170726 (EN)**

Application

**EP 14901826 A 20140919**

Priority

US 2014056559 W 20140919

Abstract (en)

[origin: WO2016043774A1] A processing device receives, from an upstream device, a D-dimensional vector data set of media content, wherein D is greater than or equal to one. The processing device applies a low-frequency-pass method to the received D-dimensional media content to generate a low-frequency D-dimensional vector data set of media content. The processing device obtains a structure tensor field comprising a set of D-dimensional structure tensors corresponding to each vector of the received D-dimensional media content. The processing device performs an eigensystem analysis for each structure tensor in the field of structure tensors to generate a plurality of D eigenvalue field comprising D eigenvalues for each vector of the received D-dimensional media content.

IPC 8 full level

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