Title (en)

TWO-DIMENSIONAL VIDEO TO THREE-DIMENSIONAL VIDEO CONVERSION METHOD AND SYSTEM

Title (de)

VERFAHREN UND SYSTEM ZUR UMWANDLUNG ZWEIDIMENSIONALER VIDEOS IN DREIDIMENSIONALE VIDEOS

Title (fr)

PROCÉDÉ ET SYSTÈME DE CONVERSION DE VIDÉO BIDIMENSIONNELLE EN VIDÉO TRIDIMENSIONNELLE

Publication

EP 2984820 A1 20160217 (EN)

Application

EP 13881474 A 20130409

Priority

US 2013035843 W 20130409

Abstract (en)

[origin: WO2014168614A1] A method for converting two-dimensional video to three-dimensional video. The method includes the steps of comparing at least part of video frame x to a corresponding at least part of video frame y to determine movement therebetween, calculating a movement direction and movement extent based on the determined movement, determining viewing frame L and viewing frame R based on the movement direction, and modifying viewing frame R based on the movement direction and the movement extent to create modified viewing frame R'. One alternative embodiment is a video display device for converting two-dimensional video to three-dimensional video. Another alternative embodiment includes one or more device-readable media storing executable instructions that, when executed, configure a video display device to convert two-dimensional video to three-dimensional video.

IPC 8 full level

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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