

Title (en)

IMPROVED PERCEIVED IMAGE DEPTH FOR AUTOSTEREOSCOPIC VIDEO DISPLAYS

Title (de)

VERBESSERTE WAHRGENOMMENE BILDtieFE FÜR AUTOSTEREOSKOPISCHE VIDEOANZEIGEN

Title (fr)

PROFONDEUR D'IMAGE PERÇUE AMÉLIORÉE POUR DES DISPOSITIFS D'AFFICHAGE VIDÉO AUTO-STÉRÉOSCOPIQUES

Publication

EP 3186961 A1 20170705 (EN)

Application

EP 14777947 A 20140825

Priority

US 2014052506 W 20140825

Abstract (en)

[origin: WO2016032424A1] A single pixel of a video display can display respective individual pixels of multiple views. In other words, a video display can include more views for an autostereoscopic image than the physical pixels of the video display would ordinarily support. The physical pixel is time-multiplexed in that the physical pixel displays a pixel of one view for a given time interval and a view multiplexer deflects the light from the physical pixel by a predetermined angle to make the pixel appear in a location corresponding to the pixel of the view. In another time interval, the physical pixel displays a pixel of a different view and the view multiplexer deflects light from the physical pixel by a different predetermined angle to make the pixel appear in a location corresponding to the pixel of the different view.

IPC 8 full level

H04N 13/04 (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2016032424A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2016032424 A1 20160303; CN 107079146 A 20170818; EP 3186961 A1 20170705; KR 20170045276 A 20170426

DOCDB simple family (application)

US 2014052506 W 20140825; CN 201480082019 A 20140825; EP 14777947 A 20140825; KR 20177007645 A 20140825