

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)

H04N 13/305 (2018.04 - EP KR)

Citation (search report)

See references of WO 2016032424A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

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