

Title (en)

METHODS AND APPARATUS FOR DRIVING ELECTRO-OPTIC DISPLAYS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ANSTEUERUNG ELEKTRO-OPTISCHER ANZEIGEN

Title (fr)

PROCÉDÉS ET APPAREILS DESTINÉS À PILOTER DES UNITÉS D'AFFICHAGE D'OPTIQUE ÉLECTRONIQUE

Publication

EP 3420553 A1 20190102 (EN)

Application

EP 16891882 A 20161104

Priority

- US 201615050997 A 20160223
- US 2016060427 W 20161104

Abstract (en)

[origin: WO2017146787A1] The performance of an electro-optic display, for example, a bistable electro-optic display, can be improved by modifying the frame rate of a base waveform used to drive a transition between gray states. Such modifications permit fine control of gray levels with reduced artifacts. The described methods require less memory to store all of the waveforms needed to achieve good performance of an electro-optic display over a range of temperatures.

IPC 8 full level

G09G 3/34 (2006.01)

CPC (source: EP)

G09G 3/344 (2013.01); **G09G 2230/00** (2013.01); **G09G 2310/04** (2013.01); **G09G 2310/062** (2013.01); **G09G 2310/065** (2013.01); **G09G 2310/08** (2013.01); **G09G 2320/0252** (2013.01); **G09G 2320/041** (2013.01); **G09G 2340/0435** (2013.01)

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 2017146787 A1 20170831; CN 108604435 A 20180928; CN 108604435 B 20190712; EP 3420553 A1 20190102; EP 3420553 A4 20190123; EP 3420553 B1 20200325

DOCDB simple family (application)

US 2016060427 W 20161104; CN 201680081157 A 20161104; EP 16891882 A 20161104