

Title (en)

ELECTRO-OPTIC DISPLAYS, AND METHODS FOR DRIVING SAME

Title (de)

ELEKTROOPTISCHE ANZEIGEN UND VERFAHREN ZUR ANSTEUERUNG DAVON

Title (fr)

DISPOSITIFS D'AFFICHAGE ÉLECTRO-OPTIQUES ET LEURS PROCÉDÉS D'EXCITATION

Publication

**EP 3743909 A4 20210818 (EN)**

Application

**EP 19741516 A 20190122**

Priority

- US 201862620129 P 20180122
- US 201816128996 A 20180912
- US 2019014485 W 20190122

Abstract (en)

[origin: WO2019144097A1] A variety of methods for driving electro-optic displays so as to reduce visible artifacts are described. Such methods includes driving an electro-optic display having a plurality of display pixels and controlled by a display controller, the display controller associated with a host for providing operational instructions to the display controller, the method may include updating the display with a first image, updating the display with a second image subsequent to the first image, processing image data associated with the first image and the second image to identify display pixels with edge artifacts and generate image data associated with the identified pixels, storing the image data associated pixels with edge artifacts at a memory location, and initiating a waveform to clear the edge artifacts.

IPC 8 full level

**G09G 3/34** (2006.01); **G02F 1/1685** (2019.01)

CPC (source: EP KR RU)

**G02F 1/1685** (2018.12 - KR); **G09G 3/34** (2013.01 - KR); **G09G 3/344** (2013.01 - EP RU); **G09G 2300/0814** (2013.01 - KR); **G09G 2320/0209** (2013.01 - EP)

Citation (search report)

- [X1] US 2017148372 A1 20170525 - EMELIE PIERRE-YVES [US], et al
- [X1] US 2011141156 A1 20110616 - MIYASAKA EIJI [JP], et al
- See references of WO 2019144097A1

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

DOCDB simple family (publication)

**WO 2019144097 A1 20190725**; CN 111615724 A 20200901; CN 111615724 B 20230131; EP 3743909 A1 20201202; EP 3743909 A4 20210818; JP 2021511542 A 20210506; KR 102435841 B1 20220823; KR 20200091935 A 20200731; RU 2754485 C1 20210902

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**US 2019014485 W 20190122**; CN 201980009037 A 20190122; EP 19741516 A 20190122; JP 2020540315 A 20190122; KR 20207021028 A 20190122; RU 2020124181 A 20190122