

Title (en)

Method and system to quickly fade the luminance of an OLED display

Title (de)

Verfahren und System zum schnellen Fading der Helligkeit einer OLED-Anzeige

Title (fr)

Procédé et système pour rapidement réduire la luminosité d'un affichage OLED

Publication

**EP 2492903 A1 20120829 (EN)**

Application

**EP 11156106 A 20110225**

Priority

EP 11156106 A 20110225

Abstract (en)

Various embodiments include devices, methods, circuits, data structures, and software that allow for rapid variation in the luminance of an OLED display panel. An OLED display driver circuit can include a first input, a second input, and a scaling circuit. The first input is to receive a scaling factor. The second input is to receive an image input signal including a digital representation of a desired output for a pixel. The scaling circuit is to multiply a pixel-level output voltage associated with the desired output for the pixel by the scaling factor.

IPC 8 full level

**G09G 3/32** (2006.01)

CPC (source: EP)

**G09G 3/3208** (2013.01); **G09G 2320/0606** (2013.01); **G09G 2320/064** (2013.01); **G09G 2340/145** (2013.01); **G09G 2360/144** (2013.01)

Citation (search report)

- [X] EP 1962267 A1 20080827 - SAMSUNG SDI CO LTD [KR]
- [X] EP 1494202 A1 20050105 - SANYO ELECTRIC CO [JP], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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**EP 2492903 A1 20120829**; **EP 2492903 A9 20130313**; **EP 2492903 B1 20200408**; CA 2769377 A1 20120825; CA 2769377 C 20170718

DOCDB simple family (application)

**EP 11156106 A 20110225**; CA 2769377 A 20120224