

Title (en)

METHODS FOR DRIVING ELECTRO-OPTIC DISPLAYS

Title (de)

VERFAHREN ZUR ANSTEUERUNG ELEKTROOPTISCHER ANZEIGEN

Title (fr)

PROCEDES DE COMMANDE D'AFFICHAGES ELECTRO-OPTIQUES

Publication

EP 2024955 A4 20100915 (EN)

Application

EP 07797678 A 20070523

Priority

- US 2007069529 W 20070523
- US 80330506 P 20060526
- US 80449106 P 20060612

Abstract (en)

[origin: WO2007140202A2] Methods are provided for driving a bistable electro-optic display having at least first and second pixels separated by an inter-pixel gap. In one method, there is applied to the first pixel a drive pulse which drives the pixel to one extreme optical state, and there is applied to the second pixel, which is in this extreme optical state, a reinforcing pulse of the same polarity as the drive pulse. In a second method, a drive pulse applied to the first pixel drives that pixel away from one extreme optical state, and an inverse reinforcing pulse applied to the second pixel is of opposite polarity to the drive pulse. The drive methods reduce edge ghosting or blooming.

IPC 8 full level

G09G 3/14 (2006.01); **G02B 26/00** (2006.01); **G09G 3/18** (2006.01); **G09G 3/28** (2006.01)

CPC (source: EP)

G09G 3/344 (2013.01); **G09G 2310/06** (2013.01); **G09G 2320/0209** (2013.01); **G09G 2320/066** (2013.01)

Citation (search report)

- [X1] WO 2005096259 A1 20051013 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X1] WO 2005050607 A1 20050602 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [X1] US 2005152020 A1 20050714 - JOHNSON MARK T [NL], et al
- See references of WO 2007140202A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

US 2007069529 W 20070523; EP 07797678 A 20070523; JP 2009512281 A 20070523; JP 2012129922 A 20120607