

Title (en)
METHODS FOR DRIVING ELECTRO-OPTIC DISPLAYS

Title (de)
VERFAHREN ZUM ANTREIBEN ELEKTRO-OPTISCHER ANZEIGEN

Title (fr)
PROCEDES D'ATTAQUE D'AFFICHEURS ELECTRO-OPTIQUES

Publication
EP 1639574 B1 20150422 (EN)

Application
EP 04777306 A 20040630

Priority

- US 2004021000 W 20040630
- US 48104003 P 20030630
- US 48105303 P 20030702
- US 48140503 P 20030922
- US 81420504 A 20040331

Abstract (en)
[origin: WO2005006290A1] An electro-optic display having a plurality of pixels divided into a plurality of groups is driven by selecting each of the plurality of groups of pixels in succession and applying to each of the pixels in the selected group either a drive voltage or a non-drive voltage, the scanning of all the groups of pixels being completed in a first frame period; repeating the scanning of the groups of pixels during a second frame period, and interrupting the scanning of the groups of pixels during a pause period between the first and second frame periods, this pause period being not longer than the first or second frame period.

IPC 8 full level
G09G 3/34 (2006.01); **G09G 3/30** (2006.01); **G09G 3/32** (2006.01); **G09G 3/36** (2006.01)

CPC (source: EP)
G09G 3/344 (2013.01); **G09G 3/2044** (2013.01); **G09G 2310/068** (2013.01)

Citation (examination)

- US 2002005832 A1 20020117 - KATASE MAKOTO [JP]
- EP 0540294 A2 19930505 - CANON KK [JP]
- US 2002067324 A1 20020606 - AOKI TORU [JP]

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WO 2005006290 A1 20050120; EP 1639574 A1 20060329; EP 1639574 A4 20090121; EP 1639574 B1 20150422; EP 2947647 A2 20151125; EP 2947647 A3 20151216; HK 1150466 A1 20111230; JP 2007529018 A 20071018; JP 2014074913 A 20140424; JP 2014211651 A 20141113; JP 2016194724 A 20161117; JP 5904690 B2 20160420; JP 5931038 B2 20160608

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US 2004021000 W 20040630; EP 04777306 A 20040630; EP 15000723 A 20040630; HK 11104462 A 20110505; JP 2006517795 A 20040630; JP 2013229048 A 20131105; JP 2014155835 A 20140731; JP 2016143045 A 20160721