Title (en)

METHODS AND APPARATUS FOR DRIVING ELECTRO-OPTIC DISPLAYS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR ANSTEUERUNG ELEKTROOPTISCHER ANZEIGEN

Title (fr)

PROCEDES ET APPAREIL DE COMMANDE D'AFFICHAGES ELECTRO-OPTIQUES

Publication

**EP 1784813 A4 20110921 (EN)**

Application

**EP 05816183 A 20050815**

Priority

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- US 60124204 P 20040813
- US 52237204 P 20040921
- US 52239304 P 20040924

Abstract (en)

[origin: WO2006031347A2] Waveforms for driving electro-optic displays, especially bistable electro-optic displays, are modified by one or more of insertion of at least one balanced pulse pair into a base waveform; excision of at least one balanced pulse pair from the base waveform; and insertion of at least one period of zero voltage into the base waveform. Such modifications permit fine control of gray levels.

IPC 8 full level

**G09G 3/34** (2006.01)

CPC (source: EP KR)

**G09G 3/2081** (2013.01 - KR); **G09G 3/344** (2013.01 - EP KR); G09G 3/2081 (2013.01 - EP); G09G 2310/061 (2013.01 - EP KR); G09G 2310/065 (2013.01 - EP KR); G09G 2310/068 (2013.01 - EP KR); G09G 2320/0204 (2013.01 - EP KR); G09G 2320/0252 (2013.01 - EP KR); G09G 2320/041 (2013.01 - EP KR); G09G 2340/02 (2013.01 - EP); G09G 2340/16 (2013.01 - EP KR); G09G 2360/18 (2013.01 - EP KR)

Citation (search report)

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DOCDB simple family (publication)

**WO 2006031347 A2 20060323**; **WO 2006031347 A3 20080724**; CN 101390148 A 20090318; CN 101390148 B 20110706; CN 101826304 A 20100908; CN 101826304 B 20120314; CN 101859544 A 20101013; CN 101859544 B 20120704; EP 1784813 A2 20070516; EP 1784813 A4 20110921; EP 1784813 B1 20161214; HK 1130357 A1 20091224; HK 1148102 A1 20110826; HK 1149363 A1 20110930; JP 2008509449 A 20080327; JP 2011085944 A 20110428; JP 2013218342 A 20131024; JP 4672727 B2 20110420; JP 5616207 B2 20141029; JP 5785584 B2 20150930; KR 100885140 B1 20090223; KR 20070043835 A 20070425

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