

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

- US 2005028965 W 20050815
- 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)

- [E] EP 1614097 A1 20060111 - E INK CORP [US]
- [XI] WO 2004066252 A1 20040805 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [XI] WO 2004066257 A1 20040805 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [XI] WO 03044765 A2 20030530 - E INK CORP [US]
- [X] WO 03100757 A1 20031204 - KONINKL PHILIPS ELECTRONICS NV [NL], et al & WO 2004090857 A1 20041021 - E INK CORP [US], et al
- See references of WO 2006031347A2

Cited by
EP1800283A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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

DOCDB simple family (application)
US 2005028965 W 20050815; CN 200580027474 A 20050815; CN 201010157415 A 20050815; CN 201010157436 A 20050815; EP 05816183 A 20050815; HK 09108130 A 20090904; HK 11102159 A 20110303; HK 11103386 A 20110404; JP 2007525873 A 20050815; JP 2010268776 A 20101201; JP 2013111499 A 20130528; KR 20077003499 A 20070213