

Title (en)

Apparatus and method for driving plasma display panel

Title (de)

Gerät und Verfahren zum Steuern einer Plasmaanzeige

Title (fr)

Appareil et méthode de commande d'un panneau d'affichage à plasma

Publication

EP 1580714 A2 20050928 (EN)

Application

EP 05004423 A 20050301

Priority

KR 20040015057 A 20040305

Abstract (en)

Disclosed herein is an apparatus and method for driving a plasma display panel, wherein electromagnetic interference is minimized and stability is improved. According to the present invention, the apparatus for driving a PDP includes a plurality of scan electrodes and sustain electrodes, which are formed parallel to each other, and a scan driving unit for alternately supplying sustain pulses of the positive polarity and the negative polarity to the scan electrodes during a sustain period, wherein the sustain electrodes are connected to a ground voltage source, and thus always keep a ground voltage.

IPC 1-7

G09G 3/28

IPC 8 full level

H04N 5/66 (2006.01); **G09F 9/313** (2006.01); **G09G 3/20** (2006.01); **G09G 3/288** (2013.01); **G09G 3/291** (2013.01); **G09G 3/294** (2013.01); **G09G 3/296** (2013.01); **G09G 3/298** (2013.01); **H01J 17/49** (2006.01)

CPC (source: EP KR)

A47K 13/24 (2013.01 - KR); **G09G 3/294** (2013.01 - EP); **G09G 3/296** (2013.01 - EP); **G10K 15/04** (2013.01 - KR); **G09G 2330/06** (2013.01 - EP)

Cited by

EP1901272A3; EP1598798A3; EP1901270A1; EP1708159A3; US7928931B2; US7733303B2; EP1598798A2; US7701413B2

Designated contracting state (EPC)

DE FR GB NL

DOCDB simple family (publication)

EP 1580714 A2 20050928; **EP 1580714 A3 20061227**; CN 1664896 A 20050907; JP 2005250489 A 20050915; KR 101042992 B1 20110621; KR 20050089570 A 20050908; RU 2005105956 A 20060810; TW 200530984 A 20050916

DOCDB simple family (application)

EP 05004423 A 20050301; CN 200510051595 A 20050307; JP 2005063177 A 20050307; KR 20040015057 A 20040305; RU 2005105956 A 20050303; TW 94106281 A 20050302