

Title (en)
CONTROL CIRCUIT DRIVE CIRCUIT FOR A PLASMA PANEL

Title (de)
STEUERSCHALTUNG FÜR EINE PLASMAANZEIGETAFEL

Title (fr)
CIRCUIT DE COMMANDE D'UN ECRAN A PLASMA

Publication
EP 1342228 A1 20030910 (FR)

Application
EP 01996850 A 20011114

Priority
• FR 0103574 W 20011114
• FR 0014600 A 20001114

Abstract (en)
[origin: WO0241292A1] The invention concerns a drive circuit for a plasma panel consisting of cells arranged at the intersections of lines and columns, comprising, for each column of the panel, a column drive unit (14') for selecting the column by applying a voltage window, said column having a different capacitance (C2) depending on whether or not the neighbouring columns are selected, each drive unit (14') comprising first means (T1, C, CS1) for changing the capacitance in a first predetermined time interval during the low-to-high transition of the voltage window, and second means (T2, 28) for discharging said capacitance in a second predetermined time interval during the high-to-low transition of the voltage window, the second means being controlled on the basis of an estimation of said capacitance obtained from data (Qi-1, Qi) indicating whether or not the neighbouring columns of said columns have been selected.

IPC 1-7
G09G 3/28

IPC 8 full level
G09G 3/20 (2006.01); **G09G 3/296** (2013.01); **G09G 3/293** (2013.01)

CPC (source: EP US)
G09G 3/296 (2013.01 - EP US); **G09G 3/293** (2013.01 - EP US); **G09G 2330/06** (2013.01 - EP US)

Citation (search report)
See references of WO 0241292A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
WO 0241292 A1 20020523; EP 1342228 A1 20030910; FR 2816746 A1 20020517; JP 2004514177 A 20040513; US 2003107327 A1 20030612; US 7122968 B2 20061017

DOCDB simple family (application)
FR 0103574 W 20011114; EP 01996850 A 20011114; FR 0014600 A 20001114; JP 2002543418 A 20011114; US 16989502 A 20021015