

Title (en)

METHOD OF ADDRESSING A LIQUID CRYSTAL MATRIX SCREEN AND DEVICE APPLYING THIS METHOD

Title (de)

VERFAHREN ZUR ANSTEUERUNG EINES FLÜSSIGKRISTALL-MATRIXBILDSCHIRMS UND GERÄT ZUR ANWENDUNG DIESES VERFAHRENS

Title (fr)

PROCEDE D'ADRESSAGE D'UN ECRAN MATRICIEL A CRISTAL LIQUIDE ET DISPOSITIF APPLIQUANT CE PROCEDE

Publication

EP 2153434 A1 20100217 (FR)

Application

EP 08787970 A 20080415

Priority

- FR 2008000543 W 20080415
- FR 0703554 A 20070518

Abstract (en)

[origin: WO2008142301A1] The invention relates to a method of addressing a nematic bistable liquid crystal matrix screen having two stable states without electrical field applied. The switching of each pixel from one stable state to another stable state is controlled by a switching electrical voltage pulse obtained by the application of at least one row addressing signal applied to a row addressing electrode (L1 to LN) and the application of at least one column addressing signal applied to a column addressing electrode (C1 to CM). According to the invention, the characteristics of the row addressing signals and/or the characteristics of the column addressing signals are a function of the position of said pixel in said matrix screen. Application: liquid crystal display screen.

IPC 8 full level

G09G 3/36 (2006.01); **G02F 1/139** (2006.01)

CPC (source: EP US)

G09G 3/3629 (2013.01 - EP US); **G09G 2300/0486** (2013.01 - EP US); **G09G 2310/04** (2013.01 - EP US); **G09G 2320/0223** (2013.01 - EP US); **G09G 2320/0233** (2013.01 - EP US)

Citation (search report)

See references of WO 2008142301A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

FR 2916295 A1 20081121; **FR 2916295 B1 20100326**; EP 2153434 A1 20100217; TW 200912872 A 20090316; US 2010149168 A1 20100617; WO 2008142301 A1 20081127

DOCDB simple family (application)

FR 0703554 A 20070518; EP 08787970 A 20080415; FR 2008000543 W 20080415; TW 97116149 A 20080502; US 60081408 A 20080415