

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)

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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)

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