

Title (en)

Energy-saving method for marking an area of a liquid-crystal display

Title (de)

Energiesparendes Verfahren zum Markieren eines Bereichs eines Flüssigkristallbildschirms

Title (fr)

Procédé économique en énergie pour marquer une zone d'un écran à cristal liquide

Publication

EP 2178079 B1 20140730 (FR)

Application

EP 08290975 A 20081015

Priority

EP 08290975 A 20081015

Abstract (en)

[origin: EP2178079A1] The method involves applying a bipolar perturbation signal to pixels of zone and during an interval (t1), where the signal is greater than a threshold signal so that each pixel exits in an initial state and the signal is less than a switching signal so that each pixel of the zone having one of stable states as initial state does not flip into other stable state. Application of signal is prohibited to each pixel for an interval (t2) so as to allow each pixel to return to its initial stable state. The application of the signal and the prohibition of application of signal are reiterated.

IPC 8 full level

G09G 3/36 (2006.01)

CPC (source: EP US)

G09G 3/3611 (2013.01 - US); **G09G 3/3629** (2013.01 - EP US); **G09G 3/2011** (2013.01 - EP US); **G09G 5/08** (2013.01 - EP US); **G09G 2300/0486** (2013.01 - EP US); **G09G 2310/06** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (application)

EP 08290975 A 20081015; FR 2009001190 W 20091008; TW 98134864 A 20091015; US 200913698987 A 20091008