

Title (en)

Display device and method for representing a colour image

Title (de)

Anzeigevorrichtung und Verfahren zur Darstellung eines Farbbildes

Title (fr)

Dispositif d'affichage et procédé de représentation d'une image couleur

Publication

EP 1764777 A3 20100331 (DE)

Application

EP 06120250 A 20060907

Priority

DE 102005044006 A 20050914

Abstract (en)

[origin: EP1764777A2] The device has a matrix display (1) with a set of pixels (2), and a non-volatile memory (6) for storing a control value for the pixels to produce a grey-image representation in a partial area of the display. A computing unit (5) changes the control value for the adjoining pixels for producing a color image representation by a computing operation. A frame buffer (3) stores the changed control value for the display in the matrix display. A graphics controller (4) evaluates the computing operation and/or the grey-image representation based on an instruction. An independent claim is also included for a method of displaying a color image in a partial area of a matrix display.

IPC 8 full level

G09G 5/02 (2006.01)

CPC (source: EP)

G09G 5/02 (2013.01); **G09G 5/00** (2013.01); **G09G 5/363** (2013.01); **G09G 2320/0666** (2013.01); **G09G 2340/02** (2013.01); **G09G 2340/14** (2013.01)

Citation (search report)

- [I] EP 1141935 A1 20011010 - BOSCH GMBH ROBERT [DE]
- [I] DE 10233117 A1 20040205 - BOSCH GMBH ROBERT [DE]
- [I] EP 1150275 A2 20011031 - PIONEER CORP [JP]
- [I] EP 0662679 A1 19950712 - IBM [US]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1764777 A2 20070321; **EP 1764777 A3 20100331**; DE 102005044006 A1 20070315

DOCDB simple family (application)

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