Title (en)

Control method for a display screen with gradation display and display device for carrying out the same

Title (de)

Steuerverfahren für eine Bildanzeigetafel mit Halbtönen und Anzeigeeinrichtung zur Durchführung dieses Verfahrens

Title (fr)

Procédé de commande d'un écran de visualisation d'image affichant des demi-teintes, et dispositif de visualisation mettant en oeuvre le procédé

Publication

EP 0793212 B1 20000315 (FR)

Application

EP 97400389 A 19970221

Priority

FR 9602393 A 19960227

Abstract (en)

[origin: EP0793212A1] The display is controlled by placing each display cell in the 'dark' state or the 'bright' state for a succession of sub-intervals (S1 to S8) determined by the level of luminance required for each cell. The sub-intervals vary, depending on the luminance required. The sub-intervals lie within a given cycle time (P1). In addition, for the rows controlling the cells, the order of the distribution of the sub-periods is adjusted to reduce the amplitude of variations of charge (Q1, Q2) applied to the controller.

IPC 1-7

G09G 3/20

IPC 8 full level

G09G 3/36 (2006.01); **G09F 9/313** (2006.01); **G09G 3/20** (2006.01); G09G 3/28 (2013.01)

CPC (source: EP US)

G09G 3/2022 (2013.01 - EP US); G09G 3/294 (2013.01 - EP US); G09G 3/297 (2013.01 - EP US); G09G 2320/0266 (2013.01 - EP US); G09G 2330/025 (2013.01 - EP US)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 97400389 A 19970221; CN 97101997 A 19970226; DE 69701413 T 19970221; FR 9602393 A 19960227; JP 5863097 A 19970227; KR 19970005909 A 19970226; US 80328097 A 19970220