

Title (en)

ELECTROLUMINESCENT DISPLAY DEVICE WITH MEMORY EFFECT CONTROLLED BY MULTIPLE DEPHASED SUSTAIN VOLTAGES

Publication

EP 0278194 B1 19920617 (FR)

Application

EP 87402944 A 19871221

Priority

FR 8617985 A 19861222

Abstract (en)

[origin: EP0278194A1] According to the invention, the display device comprises at least one layer having an electrooptical property with memory effect, flanked by a first (12) and a second family (18) of electrodes. The display device further comprises a generator able to generate several dephased voltages. At least one of the families (12) of electrodes is subdivided into at least two sub-families of parallel electrodes receiving respectively sustaining voltages which are phase-shifted relative to one another. This results in a noticeable reduction in electrical consumption, an improvement in manufacturing efficiency, the possibility of producing display devices of larger size and the increasing of the speed of writing an image, etc. <IMAGE>

IPC 1-7

G09G 3/30

IPC 8 full level

G09G 3/30 (2006.01)

CPC (source: EP US)

G09G 3/30 (2013.01 - EP US); **G09G 2300/0885** (2013.01 - EP US); **G09G 2360/148** (2013.01 - EP US)

Cited by

US5432015A; US5634835A; US5679472A; US5702565A; US5756147A

Designated contracting state (EPC)

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DOCDB simple family (publication)

FR 2608817 A1 19880624; FR 2608817 B1 19890421; DE 3779899 D1 19920723; DE 3779899 T2 19921224; EP 0278194 A1 19880817; EP 0278194 B1 19920617; JP S6433590 A 19890203; US 4963861 A 19901016

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FR 8617985 A 19861222; DE 3779899 T 19871221; EP 87402944 A 19871221; JP 32164187 A 19871221; US 46465090 A 19900111