

Title (en)

ELECTROPHORETIC DISPLAY EMPLOYING GREY SCALE CAPABILITY UTILIZING AREA MODULATION

Title (de)

ELEKTROPHORETISCHE ANZEIGETAFEL UNTER VERWENDUNG VON GRAUSTUFENFÄHIGKEIT MIT FLÄCHENMODULATION

Title (fr)

PANNEAU D'AFFICHAGE PAR ELECTROPHORESE A CAPACITE D'ECHELLE DE GRIS UTILISANT LA MODULATION DE ZONES

Publication

EP 0595812 B1 19961211 (EN)

Application

EP 92902841 A 19910715

Priority

US 9104834 W 19910715

Abstract (en)

[origin: WO9302443A1] An apparatus provides grey scale capability for an electrophoretic information display (10). The electrophoretic information display (10) is an XY addressable display with each XY coordinate indicative of a given column (23) and row (25) and defining a pixel. There are described means coupled to display for impressing upon the display a predetermined digital pattern to cause certain pixels in the display to be energized with respect to other pixels in the display where the combination due to the digital pattern causes a desired grey scale level to appear on a character or on the background of the display.

IPC 1-7

G09G 3/34

IPC 8 full level

G02F 1/167 (2006.01); **G09G 3/34** (2006.01); **G09G 3/20** (2006.01)

CPC (source: EP)

G09G 3/344 (2013.01); **G09G 3/2051** (2013.01); **G09G 2300/06** (2013.01)

Cited by

US6445489B1; US7202847B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

WO 9302443 A1 19930204; CA 2113570 A1 19930204; CA 2113570 C 19960507; DE 69123604 D1 19970123; DE 69123604 T2 19970417; EP 0595812 A1 19940511; EP 0595812 A4 19950301; EP 0595812 B1 19961211; JP 2958114 B2 19991006; JP H07500680 A 19950119

DOCDB simple family (application)

US 9104834 W 19910715; CA 2113570 A 19910715; DE 69123604 T 19910715; EP 92902841 A 19910715; JP 50292792 A 19910715