

Title (en)

METHOD FOR CONTROLLING A DISPLAY PANEL BY CAPACITIVE COUPLING

Title (de)

VERFAHREN ZUR STEUERUNG EINES ANZEIGESCHIRMS DURCH KAPAZITATIVE KOPPLUNG

Title (fr)

PROCEDE DE PILOTAGE D'UN PANNEAU D'AFFICHAGE PAR COUPLAGE CAPACITIF

Publication

EP 1964094 B1 20100414 (FR)

Application

EP 06841466 A 20061219

Priority

- EP 2006069924 W 20061219
- FR 0553978 A 20051220

Abstract (en)

[origin: WO2007071680A1] A method comprising transmission periods during which a predetermined transmission voltage V_{prog.data-} having a first polarity is applied to and maintained at the control terminal of at least one panel control circuit (1, 1'), and depolarisation periods during which a predetermined depolarisation voltage V_{prog.pol} having a second polarity opposite to the first is applied to and maintained at the control terminal of at least one panel control circuit, wherein the panel circuit addressing signals are transmitted by capacitive coupling of the addressing electrodes X_D to the control terminals C of the circuits (1, 1'). The invention enables conventional and economical means to be used to control the addressing electrodes X_D.

IPC 8 full level

G09G 3/32 (2006.01)

CPC (source: EP KR US)

G09G 3/3233 (2013.01 - EP KR US); **G09G 3/3614** (2013.01 - KR); **G09G 3/3648** (2013.01 - KR); **H10K 59/12** (2023.02 - KR);
G09G 3/3614 (2013.01 - EP US); **G09G 3/3648** (2013.01 - EP US); **G09G 2300/0852** (2013.01 - EP KR US);
G09G 2300/0876 (2013.01 - EP KR US); **G09G 2310/0254** (2013.01 - EP KR US); **G09G 2320/043** (2013.01 - EP KR US);
H01L 2023/4087 (2013.01 - KR)

Citation (examination)

EP 1517290 A2 20050323 - SEIKO EPSON CORP [JP]

Cited by

US11322082B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

FR 2895130 A1 20070622; DE 602006013704 D1 20100527; EP 1964094 A1 20080903; EP 1964094 B1 20100414; JP 2009520226 A 20090521;
JP 5666778 B2 20150212; KR 101399464 B1 20140526; KR 20080080559 A 20080904; TW 200735016 A 20070916; TW I409742 B 20130921;
US 2009015575 A1 20090115; US 8362984 B2 20130129; WO 2007071680 A1 20070628

DOCDB simple family (application)

FR 0553978 A 20051220; DE 602006013704 T 20061219; EP 06841466 A 20061219; EP 2006069924 W 20061219;
JP 2008546428 A 20061219; KR 20087014843 A 20061219; TW 95146973 A 20061215; US 8673106 A 20061219