

Title (en)

System and method of providing driving voltages to an RGBW display panel

Title (de)

System und Verfahren zur Bereitstellung von Ansteuerspannungen für eine RGBW-Anzeigetafel

Title (fr)

Système et procédé d'alimentation d'un panneau d'affichage RGBW en tensions de commande

Publication

EP 1845508 B1 20120411 (EN)

Application

EP 06112633 A 20060413

Priority

EP 06112633 A 20060413

Abstract (en)

[origin: EP1845508A1] A representative system comprises a data driver with a reference voltage generation circuit that is operative to provide reference voltages according to a white component signal (W) extracted from three color input signals (R,G,B), and a digital-to-analog (D/A) conversion unit that is operative to generate driving voltages according to the reference voltages, the three color input signals and the white component signal.

IPC 8 full level

G09G 3/20 (2006.01); **G09G 3/32** (2006.01)

CPC (source: EP)

G09G 3/2003 (2013.01); **G09G 3/3225** (2013.01); **G09G 3/3611** (2013.01); **G09G 2300/0452** (2013.01); **G09G 2310/027** (2013.01); **G09G 2330/028** (2013.01); **G09G 2340/06** (2013.01)

Cited by

KR20120064112A; EP2478517A4; US9799303B2

Designated contracting state (EPC)

DE FR GB IT NL

DOCDB simple family (publication)

EP 1845508 A1 20071017; EP 1845508 B1 20120411

DOCDB simple family (application)

EP 06112633 A 20060413