

Title (en)

Color display devices with backlights

Title (de)

Farb Anzeigegeräte mit Rückbeleuchtung

Title (fr)

Dispositif d'affichage couleur avec rétroéclairage

Publication

EP 2337014 A1 20110622 (EN)

Application

EP 09179604 A 20091217

Priority

EP 09179604 A 20091217

Abstract (en)

A color display comprises a backlight (152) and a display panel (150) for modulating the backlight output. The backlight comprises portions of four different colors, wherein the intensity of each color is independently controllable. The use of four colors enables more efficient color backlight device to be used in preference to less efficient color devices. For example, the backlight portions can comprise three non-white colors (84,86,82) and white (80). White light generation (with current technology) is more efficient than the generation of other colors.

IPC 8 full level

G09G 3/36 (2006.01); **G09G 3/34** (2006.01)

CPC (source: EP)

G09G 3/3413 (2013.01); **G09G 3/3426** (2013.01); **G09G 3/3607** (2013.01); **G09G 2320/0242** (2013.01); **G09G 2320/0633** (2013.01); **G09G 2320/064** (2013.01); **G09G 2320/0646** (2013.01); **G09G 2320/066** (2013.01); **G09G 2320/0666** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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