

Title (en)

Display device with an optical display field

Title (de)

Anzeigegerät mit einem optischen Anzeigefeld

Title (fr)

Appareil d'affichage doté d'un champ d'affichage optique

Publication

EP 2552178 B1 20140416 (DE)

Application

EP 11175552 A 20110727

Priority

EP 11175552 A 20110727

Abstract (en)

[origin: EP2552178A1] The device (1) has two light sources (11, 12) e.g. red, green and blue LEDs, arranged behind an optical display field for generating color e.g. red. An activation module (3) is connected to the light sources, and activates the light sources in accordance with the color. A monitor component (52) identifies an error and/or fault on one of the light sources and allows a faulty light source of the light sources to be shut down. The activation module comprises an identifying unit (4) for identifying short circuit with respect to the light sources.

IPC 8 full level

H05B 44/00 (2022.01); **G09G 3/00** (2006.01); **G09G 3/34** (2006.01)

CPC (source: EP US)

G09G 3/3413 (2013.01 - EP US); **H05B 45/24** (2020.01 - EP US); **H05B 45/52** (2020.01 - EP US); **H05B 47/22** (2020.01 - EP); **G09G 2330/08** (2013.01 - EP US)

Cited by

CN103987172A; DE102016105989A1; US10763396B2

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2552178 A1 20130130; EP 2552178 B1 20140416; CN 102905446 A 20130130; CN 102905446 B 20151216; US 2013027925 A1 20130131; US 8777432 B2 20140715

DOCDB simple family (application)

EP 11175552 A 20110727; CN 201210262989 A 20120726; US 201213548741 A 20120713