Title (en)

LED MODULE WITH DEDICATED COLOUR REGULATION AND CORRESPONDING METHOD

Title (de)

LED-MODUL MIT EIGENER FARBREGELUNG UND ENTSPRECHENDES VERFAHREN

Title (fr)

MODULE À DEL AVEC RÉGLAGE DE COULEUR PROPRE ET PROCÉDÉ CORRESPONDANT

Publication

EP 2102846 A1 20090923 (DE)

Application

EP 06830637 A 20061215

Priority

EP 2006069741 W 20061215

Abstract (en)

[origin: WO2008071235A1] The quality of the readjustment of LED backlights for screens is intended to be improved. For this purpose, provision is made for using a sensor (FS, TS) to detect a physical quantity in the LED module (2), in particular the brightness of an LED (LR, LG1, LG2, LB) or the temperature. The drive current through the respective LED is then changed depending on the at least one physical quantity detected. The colour of an LED module can thus be kept stable over the course of the life time.

IPC 8 full level

G02F 1/1335 (2006.01); **G09G 3/34** (2006.01); **H05B 44/00** (2022.01)

CPC (source: EP KR US)

G09G 3/20 (2013.01 - KR); **G09G 3/32** (2013.01 - KR); **G09G 3/3413** (2013.01 - EP US); **H05B 45/22** (2020.01 - EP US); **H05B 45/40** (2020.01 - EP US); **H05B 45/48** (2020.01 - EP US); G02F 1/133603 (2013.01 - EP US); G09G 2320/041 (2013.01 - EP US); G09G 2320/043 (2013.01 - EP US); G09G 2320/0626 (2013.01 - EP US); G09G 2360/145 (2013.01 - EP US); Y02B 20/30 (2013.01 - EP US)

Citation (search report)

See references of WO 2008071235A1

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WO 2008071235 A1 20080619; CN 101536072 A 20090916; CN 101536072 B 20120711; EP 2102846 A1 20090923; KR 20090094143 A 20090903; TW 200832017 A 20080801; US 2010026193 A1 20100204; US 8587214 B2 20131119

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