

Title (en)
DEVICE FOR LED EMISSIVE DISPLAY

Title (de)
LED-EMISSIONSANZEIGEVORRICHTUNG

Title (fr)
DISPOSITIF D'AFFICHAGE ÉMISSIF À LED

Publication
EP 4060650 A1 20220921 (FR)

Application
EP 22162187 A 20220315

Priority
FR 2102701 A 20210318

Abstract (en)
[origin: US2022301494A1] The present description concerns an elementary module (100) of a display device enabling to display at least one pixel of an image, the module comprising: a first assembly of N LEDs (101(i,j)) distributed into M groups (G(i)), at least one of the M groups comprising at least two LEDs, where N and M are integers, with M greater than or equal to 2; and a control circuit comprising M bias circuits (103(i)) respectively associated with the M groups of LEDs, each bias circuit (103(i)) being shared by the LEDs of the corresponding group (G(i)) and being adapted to successively controlling the emission of the LEDs of the group.

Abstract (fr)
La présente description concerne un module élémentaire (100) d'un dispositif d'affichage permettant d'afficher au moins un pixel d'une image, le module comportant :- un premier ensemble de N LED (101(i,j)) réparties en M groupes (G(i)), au moins l'un des M groupes comportant au moins deux LED, où N et M sont des entiers, avec M supérieurs ou égal à 2 ; et- un circuit de commande comportant M circuits de polarisation (103(i)) associés respectivement aux M groupes de LED, chaque circuit de polarisation (103(i)) étant partagé par les LED du groupe (G(i)) correspondant et étant adapté à commander successivement en émission les LED du groupe.

IPC 8 full level
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Citation (applicant)
• WO 2017089676 A1 20170601 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• WO 2018185433 A1 20181011 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• WO 2018185434 A1 20181011 - COMMISSARIAT ENERGIE ATOMIQUE [FR]
• FR 3076396 A1 20190705 - ALEDIA [FR]

Citation (search report)
• [XAI] US 2015339998 A1 20151126 - YEN SHAO-WEN [TW], et al
• [X] US 6317138 B1 20011113 - YANO MOTOYASU [JP], et al
• [X] US 2018247586 A1 20180830 - VAHID FAR MOHAMMAD B [US], et al

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Designated extension state (EPC)
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