

Title (en)

DISPLAY PANEL AND LARGE FORMAT DISPLAY APPARATUS USING THE SAME

Title (de)

ANZEIGETAFEL UND DIESE VERWENDENDE GROSSFORMAT-ANZEIGEVORRICHTUNG

Title (fr)

PANNEAU D'AFFICHAGE ET APPAREIL D'AFFICHAGE GRAND FORMAT LE COMPRENANT

Publication

EP 3782191 A1 20210224 (EN)

Application

EP 19829907 A 20190704

Priority

- KR 20180077668 A 20180704
- KR 20190075904 A 20190625
- KR 2019008230 W 20190704

Abstract (en)

[origin: KR20200004751A] Disclosed is a display module. The disclosed display module may comprise a thin film transistor glass substrate; a plurality of micro LEDs arranged on one side of the thin film transistor glass substrate; and a plurality of side wirings formed on an edge part of the thin film transistor glass substrate so as to electrically connect one side of the thin film transistor glass substrate with the opposite side of the one side. According to the present invention, a dummy region can be minimized.

IPC 8 full level

H01L 25/075 (2006.01); **H01L 23/538** (2006.01); **H01L 27/12** (2006.01); **H10K 99/00** (2023.01)

CPC (source: EP KR)

H01L 23/5386 (2013.01 - KR); **H01L 25/0753** (2013.01 - KR); **H01L 25/167** (2013.01 - EP); **H01L 27/1214** (2013.01 - KR); **H01L 27/124** (2013.01 - EP); **H10K 85/113** (2023.02 - EP); **H01L 33/62** (2013.01 - EP)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

CN 112335045 A 20210205; CN 112335045 B 20240830; EP 3782191 A1 20210224; EP 3782191 A4 20210616; KR 102151099 B1 20200902; KR 20200004751 A 20200114; TW 202006448 A 20200201; TW I829715 B 20240121

DOCDB simple family (application)

CN 201980043639 A 20190704; EP 19829907 A 20190704; KR 20190075904 A 20190625; TW 108123469 A 20190703