

Title (en)
IMPROVED DISPLAY PANEL GROUNDING

Title (de)
VERBESSERTE ANZEIGETAFELERDUNG

Title (fr)
MISE À LA MASSE D'ÉCRAN D'AFFICHAGE AMÉLIORÉE

Publication
EP 4260137 A1 20231018 (EN)

Application
EP 21840298 A 20211210

Priority
• US 202063124584 P 20201211
• US 202117513729 A 20211028
• US 2021062894 W 20211210

Abstract (en)
[origin: WO2022125954A1] A display device improves the grounding connection of a polarizer (250B) by using a metal bridge (340) that couples the polarizer to a ground (320) of the display device. The display device includes a backlight unit (BLU) for providing light for displaying an image, a plurality of pixels for modulating the light provided by the BLU, a polarizer (250B) for filtering the light provided by the BLU, and the metal bridge (340). The metal bridge (340) is disposed in a non-display area surrounding a display area (310) of the display device.

IPC 8 full level
G02F 1/1335 (2006.01); **G02B 1/16** (2015.01)

CPC (source: EP KR)
G02B 1/16 (2015.01 - KR); **G02B 27/017** (2013.01 - KR); **G02F 1/133514** (2013.01 - EP KR); **G02F 1/133528** (2013.01 - EP KR); **G02B 1/16** (2015.01 - EP); **G02B 27/017** (2013.01 - EP); **G02F 2202/22** (2013.01 - EP KR)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022125954 A1 20220616; EP 4260137 A1 20231018; JP 2023553801 A 20231226; KR 20230113758 A 20230801

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US 2021062894 W 20211210; EP 21840298 A 20211210; JP 2023530869 A 20211210; KR 20237019171 A 20211210