

Title (en)  
DEVICES WITH PERIPHERAL TASK BAR DISPLAY ZONE AND UNDER-LCD SCREEN OPTICAL SENSOR MODULE FOR ON-SCREEN FINGERPRINT SENSING

Title (de)  
VORRICHTUNGEN MIT PERIPHERER AUFGABENLEISTENANZEIGEZONE UND OPTISCHES SENSORMODUL UNTER LCD-BILDSCHIRM ZUR FINGERABDRUCKERKENNUNG AUF DEM BILDSCHIRM

Title (fr)  
DISPOSITIFS À ZONE D'AFFICHAGE DE BARRE DE TÂCHES PÉRIPHÉRIQUE ET MODULE DE CAPTEUR OPTIQUE DE SOUS-ÉCRAN LCD PERMETTANT UNE DÉTECTION D'EMPREINTE DIGITALE SUR ÉCRAN

Publication  
**EP 3504588 A4 20191023 (EN)**

Application  
**EP 18763421 A 20180307**

Priority  
• US 201762468337 P 20170307  
• US 201715708088 A 20170918  
• CN 2018078360 W 20180307

Abstract (en)  
[origin: WO2018161923A1] Devices or systems with display designs to include both a main display zone and a peripheral display zone that collectively form a seamless contiguous display area for displaying images, content or information over the two zones as a single display area and further allowing for operating the peripheral display zone independently from the main display zone to display certain images, information, or content only on the peripheral display zone even when the main display zone is turned off. In addition to providing display functions separate from or in combination with the display functions by the main display zone, the peripheral display zone based on the disclosed technology can be used to provide for certain sensing functions by including one or more sensors under the display area for the peripheral display zone.

IPC 8 full level  
**G06K 9/00** (2006.01)

CPC (source: EP)  
**G06F 1/1626** (2013.01); **G06F 1/1637** (2013.01); **G06V 40/1306** (2022.01); **G06V 40/1318** (2022.01); **G06V 40/1394** (2022.01); **G06F 1/1643** (2013.01)

Citation (search report)  
• [X] WO 0169520 A2 20010920 - ETHENTICA INC [US]  
• [A] CN 105094443 A 20151125 - SHENZHEN HUIDING TECHNOLOGY CO  
• See references of WO 2018161923A1

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)  
**WO 2018161923 A1 20180913**; CN 109791325 A 20190521; CN 109791325 B 20220208; EP 3504588 A1 20190703; EP 3504588 A4 20191023

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**CN 2018078360 W 20180307**; CN 201880003627 A 20180307; EP 18763421 A 20180307