

Title (en)

TOUCH DISPLAY DEVICE AND MANUFACTURING METHOD THEREOF

Title (de)

BERÜHRUNGSANZEIGEVORRICHTUNG UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)

DISPOSITIF D'AFFICHAGE TACTILE ET PROCÉDÉ DE FABRICATION DE CE DERNIER

Publication

EP 2769415 A4 20150805 (EN)

Application

EP 11874376 A 20111019

Priority

CN 2011080972 W 20111019

Abstract (en)

[origin: WO2013056433A1] The present invention discloses a touch display device and a manufacturing method thereof, the display device (2) comprising: an OLED display layer (90) disposed on a lower substrate (30); an upper substrate (20); an air layer (603) formed between the upper substrate (20) and the lower substrate (30); and a touch module (60), disposed above the OLED display layer (90), wherein the touch module (60) comprises: a first sensing circuit layer (601) and a second sensing circuit layer (602), further wherein the first sensing circuit layer (601) and the second sensing circuit layer (602) are spaced and the distance between them is more than 2 um. The display device can reduce interference in detection circuit caused by coupling capacitance formed between the sensing circuit layers thereby improving accuracy of touch detection.

IPC 8 full level

H01L 27/32 (2006.01); **G06F 3/044** (2006.01)

CPC (source: EP KR US)

G06F 3/0412 (2013.01 - KR); **G06F 3/0445** (2019.05 - EP KR US); **G06F 3/0446** (2019.05 - EP KR US); **H10K 59/40** (2023.02 - EP KR US);
G06F 2203/04103 (2013.01 - KR); **G06F 2203/04111** (2013.01 - KR)

Citation (search report)

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Citation (examination)

- US 2003234769 A1 20031225 - CROSS ELISA M [US], et al
- See also references of WO 2013056433A1

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DOCDB simple family (publication)

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