

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
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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 μm . 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)

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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)

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- See also references of WO 2013056433A1

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