

Title (en)
LIQUID CRYSTAL DISPLAY

Title (de)
FLÜSSIGKRISTALLANZEIGE

Title (fr)
AFFICHAGE À CRISTAUX LIQUIDES

Publication
EP 2706397 A4 20150318 (DE)

Application
EP 11865403 A 20110519

Priority
• CN 201110118646 A 20110509
• CN 2011074349 W 20110519

Abstract (en)
[origin: US2012287107A1] This invention discloses an LCD which includes an LCD panel and a pixel voltage adjuster. The LCD panel includes a plurality of pixel units which are arranged in the way of a matrix. Each pixel unit is provided with a liquid crystal capacitor. The liquid crystal capacitor includes a pixel electrode and a common electrode oppositely arranged. The pixel voltage adjuster receives a feedback common voltage from the common electrode and adjusts the voltage of the pixel electrode in terms of the feedback common voltage. The LCD provided in this invention can reduce cross-noise and improve the display quality of the LCD.

IPC 8 full level
G02F 1/133 (2006.01); **G02F 1/1368** (2006.01); **G09G 3/36** (2006.01)

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G09G 3/3655 (2013.01 - EP US); **G09G 3/3666** (2013.01 - EP US); **G09G 2300/043** (2013.01 - EP US); **G09G 2300/0852** (2013.01 - EP US); **G09G 2300/0876** (2013.01 - EP US); **G09G 2320/0209** (2013.01 - EP US)

Citation (search report)
• [X] US 2010277399 A1 20101104 - YU HUI-LUNG [TW], et al
• [A] US 2010225831 A1 20100909 - TAKEUCHI MASANORI [JP], et al
• [A] US 2004169627 A1 20040902 - HONG YUN-TEAK [KR]
• [A] US 2010060558 A1 20100311 - KIM BUM-JIN [KR], et al
• See references of WO 2012151761A1

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CN105301858A

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

DOCDB simple family (publication)
US 2012287107 A1 20121115; **US 8576149 B2 20131105**; CN 102183852 A 20110914; CN 102183852 B 20130717; EP 2706397 A1 20140312; EP 2706397 A4 20150318; EP 2706397 B1 20200212; WO 2012151761 A1 20121115

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