

Title (en)

DEVICE FOR PROVIDING BACKLIGHTING IN A LIQUID-CRYSTAL DISPLAY UNIT FOR A DISPLAY AND/OR OPERATOR CONTROL UNIT, IN PARTICULAR ON A DOMESTIC APPLIANCE

Title (de)

VORRICHTUNG ZUR HINTERGRUNDBELEUCHTUNG EINER LC-ANZEIGEEINRICHTUNG FÜR EINE ANZEIGE- UND/ODER BEDIENUNGSEINHEIT, INSBESONDERE IN EINEM HAUSGERÄT

Title (fr)

DISPOSITIF DE RETROECLAIRAGE D'UN DISPOSITIF D'AFFICHAGE A CRISTAUX LIQUIDES D'UNE UNITE D'AFFICHAGE ET/OU DE COMMANDE, NOTAMMENT D'UN APPAREIL ELECTROMENAGER

Publication

**EP 1987381 A1 20081105 (DE)**

Application

**EP 07703746 A 20070109**

Priority

- EP 2007050199 W 20070109
- DE 102006007065 A 20060215

Abstract (en)

[origin: WO2007093463A1] The aim of the invention is to provide backlighting in a liquid-crystal display (LCD) unit for a display and/or operator control unit, in particular on a domestic appliance. To achieve this, a backlighting layer (LL1), to which at least one backlighting source (L1) can be coupled, is located beneath an LCD layer and at least one supplementary backlighting layer (LL2, LL3) is located beneath said backlighting layer (LL1). Said supplementary layer can be coupled to at least one additional backlighting source (L2, L3) assigned to said layers and permits the respective supplementary backlighting layer (LL2, LL3) to emit light from the additional backlighting source(s) (L2, L3) in respective defined masked zones through the backlighting layer (LL1) and through the LCD layer.

IPC 8 full level

**G02B 6/00** (2006.01)

CPC (source: EP US)

**G02B 6/0076** (2013.01 - EP US); **G02B 6/006** (2013.01 - EP US); **G02B 6/0068** (2013.01 - EP US)

Citation (search report)

See references of WO 2007093463A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102006007065 A1 20070816**; CN 101384930 A 20090311; CN 101384930 B 20110406; EP 1987381 A1 20081105; RU 2008133701 A 20100320; US 2009059566 A1 20090305; US 7959340 B2 20110614; WO 2007093463 A1 20070823

DOCDB simple family (application)

**DE 102006007065 A 20060215**; CN 200780005641 A 20070109; EP 07703746 A 20070109; EP 2007050199 W 20070109; RU 2008133701 A 20070109; US 27966107 A 20070109