

Title (en)
DISPLAY DEVICE AND METHOD OF MANUFACTURE

Title (de)
ANZEIGEVORRICHTUNG UND HERSTELLUNGSVERFAHREN

Title (fr)
DISPOSITIF D'AFFICHAGE ET PROCEDE DE FABRICATION

Publication
EP 2705511 A1 20140312 (FR)

Application
EP 12719257 A 20120412

Priority
• DE 102011100139 A 20110430
• FR 1103311 A 20111031
• EP 2012001580 W 20120412

Abstract (en)
[origin: WO2012149995A1] The invention relates to a display device (10), to a backlighting element, and to a method of manufacturing a backlighting element and a display device, the display device (10) comprising a display element (20), the display element (20) being backlit using a light source, a backlighting element being provided to backlight the display element (20), the backlighting element comprising a light guide part (3) providing the light guide functionality, the backlighting element comprising a reflective element part, the light guide part (3) of the backlighting element and the reflective element part being functionally combined with one another, the reflective element part and the light guide part (3) of the backlighting element being joined, during the manufacture of the backlighting element, to form a single component.

IPC 8 full level
G09F 13/04 (2006.01); **G09F 13/16** (2006.01); **G09F 21/04** (2006.01)

CPC (source: EP US)
G02F 1/1336 (2013.01 - US); **G09F 13/0409** (2013.01 - EP US); **G09F 13/14** (2013.01 - US); **G09F 13/16** (2013.01 - EP US); **G09F 21/04** (2013.01 - EP US); **G09F 21/045** (2013.01 - EP US); **Y10T 29/49002** (2015.01 - EP US)

Citation (search report)
See references of WO 2012149995A1

Citation (examination)
• US 2010283936 A1 20101111 - JI BYUNG-HWA [KR], et al
• US 6835440 B1 20041228 - KONISHI YUICHIRO [JP], et al

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)
FR 2974639 A1 20121102; FR 2974639 B1 20161209; CN 103797532 A 20140514; CN 103797532 B 20171024; CN 108803134 A 20181113; EP 2705511 A1 20140312; JP 2014514610 A 20140619; JP 2016191922 A 20161110; MX 2013012485 A 20140623; MX 337431 B 20160304; US 2014168570 A1 20140619; US 9368048 B2 20160614; WO 2012149995 A1 20121108

DOCDB simple family (application)
FR 1103311 A 20111031; CN 201280030420 A 20120412; CN 201710949474 A 20120412; EP 12719257 A 20120412; EP 2012001580 W 20120412; JP 2014506785 A 20120412; JP 2016095783 A 20160512; MX 2013012485 A 20120412; US 201214114504 A 20120412