

Title (en)

TEXTURED TRANSPARENT PLATE AND METHOD FOR MANUFACTURING SUCH A PLATE

Title (de)

STRUKTURIERTE TRANSPARENTE PLATTE UND VERFAHREN ZUR HERSTELLUNG EINER DERARTIGEN PLATTE

Title (fr)

PLAQUE TRANSPARENTE TEXTUREE ET PROCEDE DE FABRICATION D'UNE TELLE PLAQUE

Publication

EP 2454757 A2 20120523 (FR)

Application

EP 10730808 A 20100715

Priority

- EP 2010060199 W 20100715
- FR 0954908 A 20090716

Abstract (en)

[origin: WO2011006957A2] The invention relates to an integral transparent plate (1) which includes, on at least one of the surfaces (3) thereof, at least one region textured by a plurality of geometrical patterns (5) raised relative to a general plane (p) of the surface (3), each pattern having a cross-section, parallel to the general plane (p), which decreases over distance from the surface (3), from a base to a top of the pattern. According to the invention, the area (S8) of the zones (8) of the textured region for which the angle of inclination (a8) of the zone relative to the general plane (p) is less than 30° is less than 35% of the total area (Si) of the textured region.

IPC 8 full level

H01L 31/0236 (2006.01); **C03B 13/00** (2006.01); **G02B 1/00** (2006.01); **H01L 31/0392** (2006.01); **H01L 31/052** (2006.01); **H10K 99/00** (2023.01)

CPC (source: EP KR US)

G02B 5/02 (2013.01 - EP KR US); **H01L 31/0236** (2013.01 - EP KR US); **H01L 31/02363** (2013.01 - EP US);
H01L 31/0392 (2013.01 - EP KR US); **H01L 31/03923** (2013.01 - EP US); **H10K 50/11** (2023.02 - KR); **H10K 50/85** (2023.02 - KR);
H10K 77/10 (2023.02 - KR); **H10K 2102/301** (2023.02 - KR); **Y02E 10/52** (2013.01 - KR); **Y02E 10/541** (2013.01 - EP US);
Y02E 10/549 (2013.01 - EP); **Y10T 428/24479** (2015.01 - EP US)

Citation (examination)

- FR 2917899 A1 20081226 - APOLLON SOLAR SOC PAR ACTIONS [FR]
- US 2009173384 A1 20090709 - OOI KASUMI [JP], et al
- US 5667595 A 19970916 - VAVERKA INGRID [DE], et al
- See also references of WO 2011006957A2

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 SE SI SK SM TR

Designated extension state (EPC)

BA ME RS

DOCDB simple family (publication)

WO 2011006957 A2 20110120; WO 2011006957 A3 20120308; CN 102576742 A 20120711; CN 102576742 B 20150513;
EP 2454757 A2 20120523; FR 2948230 A1 20110121; FR 2948230 B1 2011021; JP 2012533096 A 20121220; JP 2015172777 A 20151001;
JP 3214571 U 20180125; KR 20120049265 A 20120516; KR 20170058455 A 20170526; MX 2012000722 A 20120326; MX 341629 B 20160829;
US 2012183734 A1 20120719; US 9257580 B2 20160209

DOCDB simple family (application)

EP 2010060199 W 20100715; CN 201080041913 A 20100715; EP 10730808 A 20100715; FR 0954908 A 20090716;
JP 2012520036 A 20100715; JP 2015113282 A 20150603; JP 2017005048 U 20171106; KR 20127003951 A 20100715;
KR 20177013364 A 20100715; MX 2012000722 A 20100715; US 201013384406 A 20100715