

Title (en)

LIGHT INTEGRATOR FOR RECTANGULAR BEAM CROSS SECTIONS OF DIFFERENT DIMENSIONS

Title (de)

LICHTINTEGRATOR FÜR RECHTECKIGE STRAHLQUERSCHNITTE UNTERSCHIEDLICHER ABMESSUNGEN

Title (fr)

INTÉGRATEUR DE LUMIÈRE POUR DES SECTIONS TRANSVERSALES RECTANGULAIRES DE FAISCEAUX DE DIFFÉRENTES DIMENSIONS

Publication

EP 2588914 A1 20130508 (DE)

Application

EP 11782536 A 20110524

Priority

- DE 102010026252 A 20100701
- DE 2011050014 W 20110524

Abstract (en)

[origin: WO2012019598A1] Light integrator consisting of four identical, parallelepipedal glass plates (1) which are adhesively bonded to one another and which jointly enclose a parallelepipedal open cavity (6), wherein the inner sides (2) delimiting the cavity are subdivided into in each case a reflectively coated, optically active surface (2.1) and an adhesive surface (2.2), which includes a groove (7) running in the longitudinal direction and acting as an adhesive trap which adjoins the optically active surface (2.1), and the adhesive surface (2.2) of one glass plate (1) in each case bears indirectly via adhesive (9) on the first longitudinal side (4.1) of another glass plate (1).

IPC 8 full level

G02B 6/00 (2006.01); **G02B 27/09** (2006.01); **G03F 7/20** (2006.01)

CPC (source: EP KR US)

G02B 6/0096 (2013.01 - EP KR US); **G02B 27/0994** (2013.01 - EP KR US); **G03F 7/70075** (2013.01 - EP KR US); **G03F 7/702** (2013.01 - KR); **H01L 21/0274** (2013.01 - KR)

Citation (search report)

See references of WO 2012019598A1

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)

DE 102010026252 A1 20120105; **DE 102010026252 B4 20120802**; CN 103026285 A 20130403; EP 2588914 A1 20130508; JP 2013539056 A 20131017; KR 20130138654 A 20131219; US 2013094221 A1 20130418; WO 2012019598 A1 20120216; WO 2012019598 A4 20120518

DOCDB simple family (application)

DE 102010026252 A 20100701; CN 201180032466 A 20110524; DE 2011050014 W 20110524; EP 11782536 A 20110524; JP 2013517013 A 20110524; KR 20127033524 A 20110524; US 201113806271 A 20110524