

Title (en)
ILLUMINATING GLASS PARTITION

Title (de)
LEUCHTGLASTRENNWAND

Title (fr)
CLOISON ECLAIRANTE EN VERRE

Publication
EP 2718625 A1 20140416 (FR)

Application
EP 12731540 A 20120607

Priority
• FR 1155062 A 20110609
• FR 2012051278 W 20120607

Abstract (en)
[origin: WO2012168659A1] The invention relates to an illuminating glass partition comprising at least one glass module (1A, 1 B, 1 C), and a lighting system (3) associated with the glass module, based on light-emitting diodes (30) on a PCB support facing the edge (13) of at least one side of the module. The partition comprises at least one profile (31) for receiving diodes, provided with a longitudinal metal base (33) facing the edge of the module and carrying the PCB support. The partition comprises a profile (2) for assembling the partition, comprising a core (20) facing the edge and extending along the edge, the assembly profile also comprising lateral wings (21, 22) either side of the edge of the module and associated with the module, in addition to defining an inner space (26) housing the diodes on the PCB support(s), the base of the receiving profile being separate from the assembly profile or built into the assembly profile. The invention also relates to the assembly of the partition.

IPC 8 full level
F21V 33/00 (2006.01); **E04B 2/74** (2006.01); **F21V 3/00** (2006.01); **F21V 17/00** (2006.01); **G02B 6/00** (2006.01); **F21W 107/00** (2018.01)

CPC (source: EP US)
B32B 17/10036 (2013.01 - EP); **B32B 17/10541** (2013.01 - EP); **E04B 2/745** (2013.01 - EP US); **F21V 33/006** (2013.01 - EP); **G02B 6/0095** (2013.01 - EP); **F21Y 2103/10** (2016.07 - EP US); **F21Y 2115/10** (2016.07 - EP US); **G02B 6/0091** (2013.01 - EP)

Citation (search report)
See references of WO 2012168659A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2012168659 A1 20121213; CN 103732988 A 20140416; CN 103732988 B 20170426; EP 2718625 A1 20140416; FR 2976342 A1 20121214; FR 2976342 B1 20180413

DOCDB simple family (application)
FR 2012051278 W 20120607; CN 201280039153 A 20120607; EP 12731540 A 20120607; FR 1155062 A 20110609