

Title (en)

PLANAR OR SUBSTANTIALLY PLANAR LUMINOUS STRUCTURE

Title (de)

FLÄCHE ODER IM WESENTLICHEN FLÄCHIGE LEUCHTSTRUKTUR

Title (fr)

STRUCTURE LUMINEUSE PLANE OU SENSIBLEMENT PLANE

Publication

EP 1853786 A2 20071114 (FR)

Application

EP 06726193 A 20060222

Priority

- FR 2006050155 W 20060222
- FR 0550487 A 20050222

Abstract (en)

[origin: FR2882423A1] The structure (1000) has two glass panes (2, 3) delimiting an inner space (10) receiving transparent photoluminescent materials (6, 7) that are electrically supplied by two electrodes (4, 5). A luminous zone is arranged on sides (21, 22, 31, 32) of the panes. A switchable unit (100) e.g. reversible electrochemical mirror, has a reflecting surface (109) opposite to the zone and turning into a transparent surface in an area. Independent claims are also included for the following: (1) an assembly or kit comprising a lighting structure (2) a double glazing comprising a lighting structure.

IPC 8 full level

E06B 9/24 (2006.01); **F21W 107/00** (2018.01)

CPC (source: EP KR US)

H01J 61/025 (2013.01 - EP KR US); **H01J 61/04** (2013.01 - EP KR US); **H01J 61/305** (2013.01 - KR); **H01J 65/046** (2013.01 - KR); **H01J 61/305** (2013.01 - EP US); **H01J 65/046** (2013.01 - EP US)

Citation (search report)

See references of WO 2006090085A2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

FR 2882423 A1 20060825; **FR 2882423 B1 20070330**; CA 2598211 A1 20060831; CN 101189407 A 20080528; CN 101189407 B 20130206; EP 1853786 A2 20071114; JP 2008532211 A 20080814; KR 20070108873 A 20071113; TW 200703413 A 20070116; US 2008158855 A1 20080703; US 8169130 B2 20120501; WO 2006090085 A2 20060831; WO 2006090085 A3 20070621

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