

Title (en)

LIGHT CONDUCTING COMPOSITE ELEMENT AND ITS METHOD OF MANUFACTURE

Title (de)

LICHTDURCHLÄSSIGER VERBUNDKÖRPER SOWIE VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

CORPS COMPOSITE DE GUIDAGE DE LUMIÈRE ET SON PROCÉDÉ DE FABRICATION

Publication

EP 2751353 B1 20170301 (DE)

Application

EP 12751342 A 20120829

Priority

- DE 102011081744 A 20110829
- EP 11192981 A 20111212
- EP 11192990 A 20111212
- EP 11192993 A 20111212
- EP 2012066791 W 20120829
- EP 12751342 A 20120829

Abstract (en)

[origin: WO2013030241A1] An optical waveguide body for a light-permeable composite body, a light-permeable composite body and a method for the production of an optical waveguide body and of a light-permeable composite body are provided. Photovoltaic cells can be arranged on the surface of the optical waveguide body, which are then, after production of the composite body, substantially completely embedded in the filling material of the composite body. Photovoltaic cells can also be applied to the surface of the composite body. The photovoltaic cells are preferably applied in a vapor deposition process.

IPC 8 full level

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CPC (source: EP)

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Citation (examination)

- CH 362202 A 19620531 - WAELLI ERNST [CH]
- WO 2013030241 A1 20130307 - LCT LIGHT & CONCRETE TECHNOLOGY GMBH [AT], et al
- US 2007251166 A1 20071101 - THIAGARAJAN CHINNIAH [IN], et al

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