

Title (en)

LIGHT ELEMENT HAVING A TRANSLUCENT SURFACE

Title (de)

LICHTELEMENT MIT EINER LICHTDURCHLÄSSIGEN FLÄCHE

Title (fr)

ELEMENT LUMINEUX POURVU D'UNE SURFACE TRANSLUCIDE

Publication

EP 1121564 A1 20010808 (DE)

Application

EP 99955833 A 19991001

Priority

- DE 9903164 W 19991001
- DE 19845656 A 19981005

Abstract (en)

[origin: WO0020805A1] The invention relates to a light element (1) comprising a translucent surface (2) and an energy transducer (3). The translucent surface (2) is configured in such a way that it only directs the emission of rays which are directly striking the surface (2) to the energy transducer (3). A solar cell (3), a fluid line (13) or an optical fiber (16) is preferably used as an energy transducer. The light element is particularly suited for illuminating areas with diffused light.

IPC 1-7

F24J 2/04; F24J 2/08; F24J 2/06

IPC 8 full level

A01G 9/14 (2006.01); **F24J 2/04** (2006.01); **F24J 2/06** (2006.01); **F24J 2/08** (2006.01); **F24S 23/00** (2018.01); **F24S 23/30** (2018.01);
H01L 31/042 (2006.01); **H01L 31/052** (2006.01); **H01L 31/054** (2014.01)

CPC (source: EP US)

A01G 9/1438 (2013.01 - EP US); **A01G 9/243** (2013.01 - EP); **A01G 9/245** (2013.01 - EP); **F24S 20/63** (2018.04 - EP US);
F24S 23/12 (2018.04 - EP US); **F24S 23/31** (2018.04 - EP US); **H01L 31/0543** (2014.12 - EP US); **H01L 31/0547** (2014.12 - EP US);
Y02A 40/25 (2017.12 - EP US); **Y02B 10/20** (2013.01 - EP US); **Y02E 10/40** (2013.01 - EP); **Y02E 10/44** (2013.01 - US);
Y02E 10/52 (2013.01 - EP US); **Y02P 60/12** (2015.11 - EP US)

Citation (search report)

See references of WO 0020805A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

WO 0020805 A1 20000413; AU 1262700 A 20000426; BR 9914472 A 20011106; CN 1329706 A 20020102; DE 19982011 D2 20010927;
EP 1121564 A1 20010808; JP 2002526741 A 20020820; KR 20010089287 A 20010929; TR 200100930 T2 20010921;
US 2001054252 A1 20011227; US 7227077 B2 20070605

DOCDB simple family (application)

DE 9903164 W 19991001; AU 1262700 A 19991001; BR 9914472 A 19991001; CN 99813906 A 19991001; DE 19982011 T 19991001;
EP 99955833 A 19991001; JP 2000574878 A 19991001; KR 20017004212 A 20010402; TR 200100930 T 19991001; US 82725001 A 20010405