

Title (en)

Panel-shaped light conducting element and light with a light conducting element

Title (de)

Plattenförmiges Lichtleitelement und Leuchte mit Lichtleitelement

Title (fr)

Élément d'éclairage en forme de plaque et lampe dotée d'un élément d'éclairage

Publication

**EP 2642470 A3 20140101 (DE)**

Application

**EP 13159956 A 20130319**

Priority

DE 202012100991 U 20120320

Abstract (en)

[origin: EP2642470A2] The lamp (1) has a light entrance surface (11) forming narrow side of a plate-shaped light guide element (10) that radiates a light coupled into the entrance surface over a light exit surface. Wedge-like projections or recesses are formed next to each other on flat sides (12, 13) of the guide element transverse to a light guidance direction, where the sides are formed opposite to the exit surface. The recesses are seen in a direction of the entrance surface and comprise a linear extending wedge region and a circular segment-like region that is arranged subsequent to the wedge region. The lamp comprises light sources e.g. LEDs (50) and organic LEDs (OLEDs).

IPC 8 full level

**G09F 13/18** (2006.01); **G09F 13/04** (2006.01); **G09F 13/22** (2006.01)

CPC (source: EP)

**G08B 7/062** (2013.01); **G09F 13/18** (2013.01); **G09F 2013/05** (2021.05); **G09F 2013/222** (2013.01)

Citation (search report)

- [XY] US 2010091520 A1 20100415 - LIAO SUPER [TW]
- [Y] US 5980054 A 19991109 - FUKUI ATSUSHI [JP], et al
- [Y] DE 20116092 U1 20021219 - ZUMTOBEL STAFF GMBH [AT]
- [A] US 2009180297 A1 20090716 - SHIM SUNG-KYU [KR], et al
- [A] DE 102005046538 A1 20070503 - HELLA KGAA HUECK & CO [DE]

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)

**DE 202012100991 U1 20130625**; EP 2642470 A2 20130925; EP 2642470 A3 20140101; EP 2642470 B1 20190206

DOCDB simple family (application)

**DE 202012100991 U 20120320**; EP 13159956 A 20130319