

Title (en)
LIGHTING DEVICE HAVING A MASK WITH DIAMOND TIP PATTERNS

Title (de)
BELEUCHTUNGSVORRICHTUNG MIT MASKE MIT DIAMANTSPITZEN-MOTIVEN

Title (fr)
DISPOSITIF D'ÉCLAIRAGE À MASQUE À MOTIFS EN POINTE DE DIAMANT

Publication
EP 3354972 B1 20220112 (FR)

Application
EP 18152905 A 20180123

Priority
FR 1750666 A 20170127

Abstract (en)
[origin: CN108361652A] A lighting device (DE) comprises at least one light source (SL) capable of generating photons and a mask (M) able to let the photons generated to pass through at predefined locations. The mask (M) comprises a front face (FV), facing outwards and provided with three-dimensional elements (ET) participating together in a predefined photometric function and each having a general shape diamond tip defined by at least two contiguous opaque facets (FOj) and at least two contiguous opaque facets (FTj). The at least two opaque facets are inclined relatively to each other. Each of the two transparent facets (FTj) allows one of the opaque facets (FOj) to extend to the contiguous three-dimensional elements (ET) in an inclined manner at one of the predefined locations.

IPC 8 full level
F21S 41/50 (2018.01); **F21S 41/148** (2018.01); **F21S 43/14** (2018.01); **F21S 43/40** (2018.01); **F21S 43/50** (2018.01)

CPC (source: EP)
F21S 41/147 (2017.12); **F21S 41/28** (2017.12); **F21S 41/43** (2017.12); **F21S 41/50** (2017.12); **F21S 43/14** (2017.12); **F21S 43/40** (2017.12); **F21S 43/50** (2017.12)

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

DOCDB simple family (publication)
EP 3354972 A1 20180801; **EP 3354972 B1 20220112**; CN 108361652 A 20180803; CN 108361652 B 20220208; FR 3062451 A1 20180803; FR 3062451 B1 20190329

DOCDB simple family (application)
EP 18152905 A 20180123; CN 201810082472 A 20180129; FR 1750666 A 20170127