

Title (en)
LIGHTING DEVICE WITH MASK HAVING 3D PATTERNS

Title (de)
BELEUCHTUNGSVORRICHTUNG MIT MASKE MIT 3D-MOTIVEN

Title (fr)
DISPOSITIF D'ÉCLAIRAGE À MASQUE À MOTIFS 3D

Publication
EP 3354979 B1 20230809 (FR)

Application
EP 18152908 A 20180123

Priority
FR 1750669 A 20170127

Abstract (en)
[origin: CN108361648A] Provided is a lighting device (DE). The lighting device comprises at least one light source (SL) capable of generating a photon and a shielding part (M) enabling the generated photon to pass at a pre-reserved location. The shielding part (M) comprises a front surface (FV). The front surface faces exterior orientation and is equipped with three-dimensional elements (ET) with each comprising a non-transparent main surface (FP) and at least one side surface (FL). The at least one side surface tilts towards the main surface (FP) and ensures connection between the main surface (FP) and a main surface (FP) of at least one adjacent another three-dimensional element (ET). Additionally, at least one side surface is transparent in order to form one of a pre-reserved location where the generated photon passes.

IPC 8 full level
B60Q 1/26 (2006.01); **F21S 43/14** (2018.01); **F21S 43/20** (2018.01); **F21S 43/31** (2018.01); **F21S 43/50** (2018.01)

CPC (source: CN EP)
F21S 41/155 (2017.12 - CN); **F21S 41/30** (2017.12 - CN); **F21S 41/40** (2017.12 - CN); **F21S 43/14** (2017.12 - EP); **F21S 43/26** (2024.05 - EP); **F21S 43/31** (2017.12 - EP); **F21S 43/50** (2017.12 - EP); **F21V 7/10** (2013.01 - CN); **F21W 2107/10** (2017.12 - CN)

Citation (examination)
• CN 205227125 U 20160511 - MAGNETI MARELLI AUTOMOTIVE COMPONENTS (WUHU) CO LTD
• EP 3049284 B1 20210303 - PSA AUTOMOBILES SA [FR]

Cited by
FR3103538A1; EP4065884B1

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 3354979 A1 20180801; **EP 3354979 B1 20230809**; CN 108361648 A 20180803; CN 108361648 B 20211022; FR 3062454 A1 20180803; FR 3062454 B1 20190315

DOCDB simple family (application)
EP 18152908 A 20180123; CN 201810086360 A 20180129; FR 1750669 A 20170127