

Title (en)
LIGHT MODULE WITH MASK

Title (de)
LICHTMODUL MIT MASKE

Title (fr)
MODULE LUMINEUX AVEC MASQUE DE STYLE

Publication
EP 3899362 B1 20240515 (FR)

Application
EP 19832333 A 20191217

Priority
• FR 1873210 A 20181218
• EP 2019085783 W 20191217

Abstract (en)
[origin: WO2020127371A1] The invention relates to an optical guide (16) made of transparent or translucent material, running in a main direction, and comprising a rounded, tubular guide portion (18.1, 18.2), forming, with the outside environment, a rounded, tubular dioptric interface, said portion being suitable for guiding light along the main direction through successive reflections off the dioptric interface; and a rib (22.1, 22.2) adjacent to the guide portion (18.1, 18.2), suitable for allowing light to exit said portion. The rib (22.1, 22.2) exhibits a variable shape along the main direction so as to modify the amount of light that exits along said direction. The invention also relates to a lighting module comprising the optical guide (16) and a lighting device comprising the lighting module.

IPC 8 full level
F21S 43/241 (2018.01); **F21S 43/245** (2018.01); **F21S 43/249** (2018.01); **F21S 43/251** (2018.01); **F21S 43/50** (2018.01); **F21W 104/00** (2018.01)

CPC (source: EP US)
F21S 43/241 (2018.01 - EP US); **F21S 43/245** (2018.01 - EP); **F21S 43/249** (2018.01 - EP); **F21S 43/251** (2018.01 - EP);
F21S 43/50 (2018.01 - EP US); **F21W 2104/00** (2018.01 - EP US)

Citation (examination)
US 2005180165 A1 20050818 - SADO TAKAYASU [JP], et al

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)
FR 3090075 A1 20200619; **FR 3090075 B1 20210611**; CN 113227646 A 20210806; CN 113227646 B 20231226; EP 3899362 A1 20211027;
EP 3899362 B1 20240515; US 11408581 B2 20220809; US 2022057067 A1 20220224; WO 2020127371 A1 20200625

DOCDB simple family (application)
FR 1873210 A 20181218; CN 201980084244 A 20191217; EP 19832333 A 20191217; EP 2019085783 W 20191217;
US 201917414013 A 20191217