

Title (en)

LIGHTING DEVICE WITH LIGHT DISTRIBUTING BODY

Title (de)

LEUCHTVORRICHTUNG MIT LICHTVERTEILUNGSKÖRPER

Title (fr)

DISPOSITIF D'ÉCLAIRAGE COMPRENANT UN CORPS DE RÉPARTITION DE LUMIÈRE

Publication

EP 4348101 A1 20240410 (DE)

Application

EP 22734172 A 20220531

Priority

- DE 102021114005 A 20210531
- EP 2022064736 W 20220531

Abstract (en)

[origin: WO2022253821A1] As part of the invention, a lighting device is provided, in particular for lighting an interior, said lighting device having a lighting means (3) and a light distributing body (1) with a light coupling surface (11) and a translucent light outlet region (12). The light distributing body (1) is designed to dispense a first part of the light which is emitted by the lighting means (3) and which is introduced into the light distributing body (1) via the light coupling surface (11) in a directed manner and to control a second part of the introduced light by means of the light distributing body (1) such that the light exits in a diffused manner substantially via the entire light outlet region (12) of the light distributing body (1).

IPC 8 full level

F21K 9/61 (2016.01); **F21K 9/66** (2016.01); **F21V 3/04** (2018.01); **F21V 3/10** (2018.01); **F21V 21/14** (2006.01); **G02B 6/00** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)

F21K 9/61 (2016.08); **F21K 9/66** (2016.08); **F21V 3/049** (2013.01); **F21V 3/10** (2018.02); **F21V 5/041** (2013.01); **F21V 21/14** (2013.01); **G02B 6/0008** (2013.01); **F21Y 2115/10** (2016.08)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021114005 A1 20221201; CN 117813464 A 20240402; EP 4348101 A1 20240410; WO 2022253821 A1 20221208

DOCDB simple family (application)

DE 102021114005 A 20210531; CN 202280038589 A 20220531; EP 2022064736 W 20220531; EP 22734172 A 20220531