

Title (en)
LIGHT-EMITTING MODULE THAT IMAGES THE ILLUMINATED SURFACE OF A COLLECTOR, WITH A BLOCKER OF PARASITIC RAYS

Title (de)
LICHTEMITTIERENDES MODUL ZUR ABBILDUNG DER BELEUCHTETEN OBERFLÄCHE EINES KOLLEKTORS MIT EINEM BLOCKER PARASITÄRER STRAHLEN

Title (fr)
MODULE LUMINEUX IMAGEANT LA SURFACE ECLAIREE D'UN COLLECTEUR AVEC BLOQUEUR DE RAYONS PARASITES

Publication
EP 4264121 A1 20231025 (FR)

Application
EP 21839985 A 20211216

Priority
• FR 2013547 A 20201217
• EP 2021086320 W 20211216

Abstract (en)
[origin: WO2022129420A1] The invention relates to a light-emitting module (102) comprising: a light source (104) able to emit light rays; a collector (106) with a reflective surface (102.6); an optical system (110) configured to project a light beam by imaging a portion of the reflective surface (102.6) located behind the light source (104); a screen (112) located in front of the light source (104), with a rear face (112.1) able to harvest light rays (114) emitted forward by the light source (104) and not reflected by the reflective surface (102.6); wherein the screen (112) comprises an end face (112.2) that is adjacent to the rear face (112.1) and that faces reflected light rays (116), and that is configured to avoid and/or absorb said reflected light rays.

IPC 8 full level
F21S 41/148 (2018.01); **F21S 41/19** (2018.01); **F21S 41/255** (2018.01); **F21S 41/32** (2018.01); **F21S 41/43** (2018.01); **F21S 45/47** (2018.01); **F21W 102/155** (2018.01)

CPC (source: EP KR US)
F21S 41/148 (2018.01 - EP KR US); **F21S 41/192** (2018.01 - EP KR); **F21S 41/255** (2018.01 - EP KR US); **F21S 41/321** (2018.01 - EP KR); **F21S 41/323** (2018.01 - US); **F21S 41/43** (2018.01 - EP KR US); **F21S 45/47** (2018.01 - EP KR US); **F21W 2102/155** (2018.01 - EP KR)

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)
WO 2022129420 A1 20220623; CN 116710699 A 20230905; EP 4264121 A1 20231025; FR 3118125 A1 20220624; FR 3118125 B1 20221230; JP 2023553723 A 20231225; KR 20230106685 A 20230713; US 12117139 B2 20241015; US 2024027047 A1 20240125

DOCDB simple family (application)
EP 2021086320 W 20211216; CN 202180085552 A 20211216; EP 21839985 A 20211216; FR 2013547 A 20201217; JP 2023537035 A 20211216; KR 20237020312 A 20211216; US 202118256281 A 20211216