

Title (en)

APPARATUS AND METHOD FOR PROTECTING THE OPTICAL SYSTEM OF A LIGHT FIXTURE

Title (de)

VORRICHTUNG UND VERFAHREN ZUM SCHUTZ DES OPTISCHEN SYSTEMS EINER LEUCHTE

Title (fr)

APPAREIL ET PROCÉDÉ PERMETTANT DE PROTÉGER UN SYSTÈME OPTIQUE D'UN APPAREIL D'ÉCLAIRAGE

Publication

EP 3737887 A4 20210106 (EN)

Application

EP 19914178 A 20190329

Priority

US 2019024843 W 20190329

Abstract (en)

[origin: WO2020204878A1] An apparatus and method for covering the optical system of a moving head light fixture with a filter or diffuser when the lighting fixture is turned off is provided. The filter or diffuser is positioned in the optical path between a lighting element and a lens. A retraction device is energized to retract the filter or diffuser from the optical path during normal operation. Upon removal of power to the fixture, the filter mechanism automatically returns the filter or diffuser to its position in the optical path. In this way, the optical system of the fixture can be protected from damage caused by impinging strong light and/or sunlight when the fixture is not in use.

IPC 8 full level

F21V 1/00 (2006.01); **F21S 10/00** (2006.01); **F21V 15/00** (2015.01); **F21V 21/15** (2006.01); **F21V 21/30** (2006.01); **F21V 11/18** (2006.01); **F21V 23/04** (2006.01); **F21W 131/406** (2006.01); **F21Y 115/10** (2016.01)

CPC (source: EP)

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Citation (search report)

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- [XY] CN 107559612 A 20180109 - DONGGUAN WENYU IND CO LTD
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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

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WO 2020204878 A1 20201008; CA 3076110 A1 20200929; CA 3076110 C 20210713; CN 112020624 A 20201201; EP 3737887 A1 20201118; EP 3737887 A4 20210106; EP 3737887 B1 20221026; JP 2021513718 A 20210527; JP 6951564 B2 20211020; SG 11202002474P A 20201127

DOCDB simple family (application)

US 2019024843 W 20190329; CA 3076110 A 20190329; CN 201980006509 A 20190329; EP 19914178 A 20190329; JP 2020517562 A 20190329; SG 11202002474P A 20190329