

Title (en)

Watertight seal lighting equipment

Title (de)

Beleuchtungsanordnung mit wasserfester Abdichtung

Title (fr)

Équipement d'éclairage étanche à l'eau

Publication

EP 2163815 A2 20100317 (EN)

Application

EP 09425354 A 20090916

Priority

- IT VI20080215 A 20080916
- IT VI20080227 A 20080930

Abstract (en)

A watertight seal lighting equipment, used in particular for the lighting of watertight and anticorrosive environments, comprising a main body (10) made of sheet iron, moulded in a single piece, a closing screen (11), obtained from a flat slab of tempered glass, a closing head (12), moulded by die-casting of aluminium and sealed to the body (10) and the screen (11), and a movable and openable head (13), suitable to allow the extraction from the body (10) of a extractable plate or support element (14), on which the light sources and the feeder of the equipment are wired. Since the movable head (13) is the only opening between the outside and the inside, the seal results extremely improved, compared to the traditional equipment, because the silicone seal gasket (17) has a length lower than that one of the traditional equipment, and the rigidity of the movable head (13) offers a uniform pressure on the silicone gasket (17), unlike what happens in the traditional equipment.

IPC 8 full level

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CPC (source: EP US)

F21S 8/04 (2013.01 - EP); **F21V 15/01** (2013.01 - EP US); **F21V 15/015** (2013.01 - EP); **F21V 21/02** (2013.01 - EP); **F21V 23/0442** (2013.01 - EP); **F21V 25/04** (2013.01 - EP); **F21V 31/005** (2013.01 - EP); **F21Y 2103/00** (2013.01 - EP US)

Cited by

EP3222909A1; ITVI20130253A1; EP2811225A4; EP3396244A1; US9909741B2; WO2022167307A1; WO2015056283A1; US10690324B2

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

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