

Title (en)
Light projecting device

Title (de)
Schweinwerfer Vorrichtung

Title (fr)
Appareil de projection de la lumière

Publication
EP 2672176 A1 20131211 (EN)

Application
EP 13160509 A 20130321

Priority
ES 201230617 U 20120605

Abstract (en)
Light projection device comprising a projector with a casing (1) with at least one lighting element (2), a heat sink (3), a fan (4) and a connection element (5) for fixing it to a rail, wherein the projector has front and rear openings (6,7) delimited by a support element (8) of a reflector (9) and by a rear cap (10) and wherein the openings are communicated through longitudinal passages (11), which determine areas of passage of the cooling air, suctioned by the fan (4) through the rear opening (7) and driven towards the front opening (6), avoiding in this way to expose the fan to the heat released by the lighting elements and that the device overheats.

IPC 8 full level
F21V 21/30 (2006.01); **F21V 29/02** (2006.01); **F21V 7/00** (2006.01); **F21V 21/34** (2006.01); **F21V 29/00** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)
F21V 21/30 (2013.01 - EP US); **F21V 29/677** (2015.01 - EP); **F21V 7/00** (2013.01 - EP); **F21V 21/34** (2013.01 - EP); **F21V 29/74** (2015.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Citation (applicant)
EP 2042804 A2 20090401 - ANTARES ILUMINACION SA [ES]

Citation (search report)

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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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DOCDB simple family (application)
EP 13160509 A 20130321; ES 201230617 U 20120605