

Title (en)

HEAT SINK FOR MOTOR VEHICLE OPTICAL MODULE

Title (de)

KÜHLKÖRPER FÜR OPTISCHES MODUL FÜR KRAFTFAHRZEUG

Title (fr)

DISSIPATEUR THERMIQUE POUR MODULE OPTIQUE POUR VÉHICULE AUTOMOBILE

Publication

EP 3128230 B1 20200311 (FR)

Application

EP 16182418 A 20160802

Priority

FR 1557586 A 20150806

Abstract (en)

[origin: CN106439669A] The invention relates to a heat sink (10) for a motor vehicle (V) optical module (1). The heat sink is characterized in that the heat sink (10) comprises a bended plate (100) which includes a central part (101) and two transverse parts (102). The central part (101) is suitable for receiving at least one light source (13) of the optical module (1) and comprises two edges (A1, A2) shared with the transverse parts (102). The two edges (A1, A2) form a curved axis of the plate (100). Each of the two transverse parts forms an angle (beta) with respect to the central part (101).

IPC 8 full level

F21S 45/00 (2018.01)

CPC (source: CN EP US)

F21S 41/147 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/19** (2017.12 - EP US); **F21S 45/47** (2017.12 - CN EP US); **F21S 45/49** (2017.12 - EP US); **F21V 29/70** (2015.01 - CN); **F21V 29/83** (2015.01 - CN); **F21S 41/36** (2017.12 - EP US); **F21S 41/365** (2017.12 - EP US)

Cited by

EP3428512A1; FR3063048A1

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

DOCDB simple family (publication)

EP 3128230 A1 20170208; **EP 3128230 B1 20200311**; CN 106439669 A 20170222; FR 3039885 A1 20170210; FR 3039885 B1 20220624; US 10378712 B2 20190813; US 2017045194 A1 20170216

DOCDB simple family (application)

EP 16182418 A 20160802; CN 201610635563 A 20160805; FR 1557586 A 20150806; US 201615228268 A 20160804