

Title (en)
HEAT SINK AND VEHICLE HEADLIGHT

Title (de)
KÜHLKÖRPER UND FAHRZEUGSCHEINWERFER

Title (fr)
ÉLÉMENT DE REFROIDISSEMENT ET PROJECTEUR DE VÉHICULE

Publication
EP 3658818 A1 20200603 (DE)

Application
EP 18748851 A 20180716

Priority
• AT 506312017 A 20170728
• AT 2018060150 W 20180716

Abstract (en)
[origin: WO2019018867A1] Heat sink (140) for cooling an electronic component of a vehicle headlight, which heat sink (140) has a cooling structure with an external contour which, when considered along an imaginary sectional line, follows a contour curve which can be described by a contour function in at least one section, wherein a basic profile is formed from a first superimposition of a basic function and a fundamental function, and the contour function is formed from a second superimposition of the basic profile and a superimposition function, wherein the first superimposition is carried out in that the function profile of the basic function forms an axis of a curvilinear coordinate system of the superimposition function, and the second superimposition is carried out in that the function profile of the basic function forms an axis of a curvilinear coordinate system of the superimposition function, wherein the basic function has a linear, circular or circular-arc-like profile, and the basic function has a linear or undulating profile, and the superimposition function has an undulating profile.

IPC 8 full level
F21S 45/47 (2018.01); **F21V 29/76** (2015.01); **F21V 29/80** (2015.01)

CPC (source: AT EP KR US)
F21S 45/40 (2017.12 - AT); **F21S 45/47** (2017.12 - AT EP KR US); **F21V 29/50** (2015.01 - AT); **F21V 29/70** (2015.01 - AT);
F21V 29/74 (2015.01 - AT KR); **F21V 29/78** (2015.01 - US)

Citation (search report)
See references of WO 2019018867A1

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

DOCDB simple family (publication)
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