

Title (en)
AUTOMOTIVE LIGHTING DEVICE

Title (de)
KRAFTFAHRZEUGBELEUCHTUNGSVORRICHTUNG

Title (fr)
DISPOSITIF D'ÉCLAIRAGE D'AUTOMOBILE

Publication
EP 3502556 A1 20190626 (EN)

Application
EP 17382887 A 20171222

Priority
EP 17382887 A 20171222

Abstract (en)
This invention is related to a lighting device (1) comprising a housing (2), a light source (3), an internal support (4), an external heatsink (5) and a thermally conductive link (6). The internal support (4) is located inside the housing and in thermal connection with the light source (3). The external heatsink (5) is located at least partially outside the housing (2). The thermally conductive link (6) is in thermal contact with the internal support (4) and with the external heatsink (5). The thermally conductive link (6) is flexible and has a thermal conductivity greater than 100 W/m·K.

IPC 8 full level
F21S 45/48 (2018.01)

CPC (source: EP)
F21S 43/14 (2017.12); **F21S 43/15** (2017.12); **F21S 45/48** (2017.12); **F21S 43/19** (2017.12)

Citation (applicant)
US 2008247177 A1 20081009 - TANAKA YOSHIHARU [JP], et al

Citation (search report)
• [X] DE 102008060444 A1 20091112 - HYUNDAI MOTOR CO LTD [KR]
• [X] US 2015036369 A1 20150205 - KIM STEVEN [US]
• [X] WO 2014033601 A1 20140306 - SABIC INNOVATIVE PLASTICS IP [NL]
• [XD] US 2008247177 A1 20081009 - TANAKA YOSHIHARU [JP], et al

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WO2024120987A1

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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