

Title (en)  
AUTOMOTIVE LUMINOUS DEVICE

Title (de)  
LEUCHTVORRICHTUNG FÜR KRAFTFAHRZEUGE

Title (fr)  
DISPOSITIF LUMINEUX POUR AUTOMOBILE

Publication  
**EP 4397903 A1 20240710 (EN)**

Application  
**EP 23150219 A 20230103**

Priority  
EP 23150219 A 20230103

Abstract (en)  
The present invention refers to an automotive luminous device (10) comprising a first substrate and a heatsink element (2). The first substrate (1) comprises on its first face (1a) a light region (11) and an electronic region (12), the light region comprising at least one light source and the electronic region comprising at least one electronic component. The heatsink element (2) comprises:- a first portion being arranged on a second face (1b) of the first substrate (1) and in thermal contact with said light region (11), and- a second portion comprising fins (5) and openings (20) between corresponding fins, the fins presenting a first fin section in contact with the said second face (1b) of the first substrate opposite to the electronic region (12) on the first substrate, so that this opening opens on said second face (1b) of the first substrate.

IPC 8 full level  
**F21S 41/151** (2018.01); **F21S 41/148** (2018.01); **F21S 41/19** (2018.01); **F21S 45/47** (2018.01); **F21V 29/76** (2015.01); **F21V 29/83** (2015.01)

CPC (source: EP)  
**F21S 41/148** (2018.01); **F21S 41/151** (2018.01); **F21S 41/192** (2018.01); **F21S 45/47** (2018.01)

Citation (search report)  
• [X] EP 3593033 B1 20220706 - HELLA GMBH & CO KGAA [DE]  
• [X] EP 2730837 B1 20160113 - VALEO VISION [FR]  
• [X] FR 3062460 A1 20180803 - VALEO VISION [FR]  
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• [X] US 10378723 B2 20190813 - DUBUC CYRIL [FR], et al  
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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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4397903 A1 20240710**

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