

Title (en)

AUTOMOTIVE LIGHTING DEVICE AND METHOD FOR MANUFACTURING AN AUTOMOTIVE LIGHTING DEVICE

Title (de)

AUTOMOBILBELEUCHTUNGSVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG EINER
AUTOMOBILBELEUCHTUNGSVORRICHTUNG

Title (fr)

DISPOSITIF D'ÉCLAIRAGE AUTOMOBILE ET PROCÉDÉ DE FABRICATION D'UN DISPOSITIF D'ÉCLAIRAGE AUTOMOBILE

Publication

EP 3715707 A1 20200930 (EN)

Application

EP 19382214 A 20190327

Priority

EP 19382214 A 20190327

Abstract (en)

The invention provides an automotive lighting device (1) comprising a support element (2, 2') which comprises a first portion (3) and a second portion (5). The first portion (3) comprises a first portion (4) of a channel structure, and the second portion (5) comprises a second portion (6) of a channel structure. The first portion (3) and the second portion (5) of the support element (2, 2') are joined by a foldable slim zone (7). The first portion (4) and the second portion (6) of the channel structure match when the foldable slim zone (7) is folded to form a closed channel structure. The channel structure comprises at least one inlet (11) and at least one outlet (12, 13). A method for manufacturing such an automotive lighting device is also provided.

IPC 8 full level

F21S 45/60 (2018.01)

CPC (source: CN EP)

F21S 45/20 (2017.12 - CN); **F21S 45/43** (2017.12 - CN); **F21S 45/60** (2017.12 - EP); **F21W 2102/30** (2017.12 - CN);
F21W 2103/40 (2017.12 - CN); **F21W 2107/10** (2017.12 - CN); **F21Y 2115/10** (2016.07 - CN)

Citation (search report)

- [XYI] US 4739458 A 19880419 - YAMAYOSHI TAKESHI [JP], et al
- [YA] EP 3214363 A1 20170906 - VALEO VISION [FR]
- [XI] JP 2000113725 A 20000421 - ICHIKOH INDUSTRIES LTD
- [A] FR 3043171 A1 20170505 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [A] DE 10255443 A1 20040617 - HELLA KG HUECK & CO [DE], et al

Cited by

CN115574287A

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)

EP 3715707 A1 20200930; CN 111750336 A 20201009

DOCDB simple family (application)

EP 19382214 A 20190327; CN 202010224991 A 20200326