

Title (en)

METHOD AND LIGHTING ASSEMBLY FOR CONNECTION OF CONNECTORS IN AN AUTOMOTIVE LAMP

Title (de)

VERFAHREN UND BELEUCHTUNGSANORDNUNG ZUR VERBINDUNG VON VERBINDERN IN EINER AUTOLAMPE

Title (fr)

PROCÉDÉ ET ENSEMBLE D'ÉCLAIRAGE POUR LA CONNEXION DE CONNECTEURS DANS UN PHARE AUTOMOBILE

Publication

EP 3742045 A1 20201125 (EN)

Application

EP 19382739 A 20190830

Priority

EP 19382417 A 20190523

Abstract (en)

A method for connecting a first connector with a second connector within an automotive lamp, the method comprising: providing an automotive lighting module in the automotive lamp, the automotive lighting module comprising both a housing and the first connector; attaching a connecting device to a supporting device for the connecting device, the connecting device comprising the second connector; attaching the supporting device to a lamp body of the automotive lamp; and moving in a first direction either the automotive lighting module towards the lamp body or the lamp body towards the automotive lighting module thereby connecting the first connector with the second connector in the first direction; the lamp body being adapted for attachment of the supporting device thereto and support movement of the supporting device along a first axis thereof while attached, the first axis of the supporting device being perpendicular to the first direction.

IPC 8 full level

F21S 41/19 (2018.01); **H01R 13/631** (2006.01)

CPC (source: EP)

F21S 41/192 (2017.12); **H01R 13/516** (2013.01); **H01R 13/6315** (2013.01); **H01R 43/26** (2013.01); **H01R 2201/26** (2013.01)

Citation (applicant)

- EP 0967692 A2 19991229 - HARNESS SYST TECH RES LTD [JP], et al
- EP 3431865 A1 20190123 - FUNDACION TECNALIA RES & INNOVATION [ES], et al

Citation (search report)

- [XYI] JP 2017120735 A 20170706 - KOITO MFG CO LTD
- [AD] EP 3431865 A1 20190123 - FUNDACION TECNALIA RES & INNOVATION [ES], et al
- [Y] DE 3903839 A1 19890817 - YAZAKI CORP [JP]

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 3742045 A1 20201125; **EP 3742045 B1 20230308**; ES 2943288 T3 20230612

DOCDB simple family (application)

EP 19382739 A 20190830; ES 19382739 T 20190830