

Title (en)

UNIVERSAL ADAPTER DEVICE FOR VEHICLE HEADLIGHTS AND HEADLIGHT ASSEMBLY INCLUDING THIS ADAPTER DEVICE

Title (de)

UNIVERSELLE ADAPTERVORRICHTUNG FÜR FAHRZEUGSCHEINWERFER UND SCHEINWERFERANORDNUNG MIT DIESER ADAPTERVORRICHTUNG

Title (fr)

DISPOSITIF D'ADAPTATEUR UNIVERSEL POUR PHARES DE VÉHICULE ET ENSEMBLE DE PHARE COMPRENANT CE DISPOSITIF D'ADAPTATEUR

Publication

EP 3421882 B1 20200318 (EN)

Application

EP 18177908 A 20180615

Priority

IT 201700071746 A 20170627

Abstract (en)

[origin: EP3421882A1] A universal adapter device for vehicle headlights, comprising: - a fastening ring (32) comprising an annular rim (34) and a fixing portion (36) located within said annular rim (34) and configured to be engaged by a lamp (22), - a connecting element (46) comprising an outer annular flange (48) and at least one pair of flexible arms (50) extending axially from said outer annular flange (48), wherein said arms (50) are configured to be inserted through said fastening ring (32) and having respective hook-shaped ends (52) for engaging an inner edge (18) of an opening (16) for a headlight (12), and - a helical spring (54) carried by said connecting element (46) and located radially outside said arms (50) with a first end (56) resting on said annular outer flange (48) of the connecting element (46) and a second end (58) configured to elastically press said fastening ring (32) against an outer edge (20) of said opening (16).

IPC 8 full level

F21V 19/00 (2006.01); **F21S 41/19** (2018.01)

CPC (source: CN EP)

F21S 41/00 (2017.12 - CN); **F21S 41/148** (2017.12 - EP); **F21S 41/192** (2017.12 - EP); **F21S 41/194** (2017.12 - EP); **F21V 19/0065** (2013.01 - EP); **F21V 19/007** (2013.01 - EP); **H01R 31/06** (2013.01 - CN); **F21V 19/004** (2013.01 - EP); **F21W 2107/10** (2017.12 - CN); **F21Y 2115/10** (2016.07 - CN)

Cited by

EP3951253A1; US12013087B2; US11920740B2

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

DOCDB simple family (publication)

EP 3421882 A1 20190102; **EP 3421882 B1 20200318**; CN 109140371 A 20190104; CN 109140371 B 20220215

DOCDB simple family (application)

EP 18177908 A 20180615; CN 201810663103 A 20180625