

Title (en)

MODULAR LIGHTING DEVICE FOR VEHICLE HEADLAMP

Title (de)

MODULARE BELEUCHTUNGSVORRICHTUNG FÜR KFZ-SCHEINWERFER

Title (fr)

DISPOSITIF D'ÉCLAIRAGE MODULAIRE POUR PHARE DE VÉHICULES

Publication

EP 3434967 B1 20230308 (EN)

Application

EP 17183164 A 20170725

Priority

EP 17183164 A 20170725

Abstract (en)

[origin: EP3434967A1] Vehicle lighting device (1) including a main lighting module (7), secondary lighting modules (8) carried rotatable in relation to the main lighting module, each around a first axis (A,B,C), which are arranged parallel to each other, and around at least a second axis (D) arranged perpendicular to the first axes, and a control unit (13); the main lighting module being designed to generate a first light beam (DB) configured for a dipped beam function and a second light beam (HB) configured for a high beam function, forming on a test screen a first and second light projections (LP1,LP2); the secondary lighting modules (8) being designed to generate each a third light beam (LB) forming on the test screen a third light projections (T1-T3); the control unit (13) being configured to rotate the secondary lighting modules (8) to overlap all the third light projections (T1-T3) onto one another and onto the second light projection (LP2), substantially at the center thereof.

IPC 8 full level

F21S 41/148 (2018.01); **B60Q 1/00** (2006.01); **B60Q 1/115** (2006.01); **B60Q 1/14** (2006.01); **B60Q 1/18** (2006.01); **F21S 41/25** (2018.01); **F21S 41/26** (2018.01); **F21S 41/30** (2018.01); **F21S 41/32** (2018.01); **F21S 41/63** (2018.01); **F21S 41/657** (2018.01); **F21S 41/663** (2018.01); **F21S 41/675** (2018.01)

CPC (source: CN EP)

F21S 41/148 (2017.12 - EP); **F21S 41/635** (2017.12 - EP); **F21S 41/657** (2017.12 - CN); **F21S 41/663** (2017.12 - EP); **F21S 41/675** (2017.12 - EP); **F21V 14/02** (2013.01 - CN); **F21V 23/04** (2013.01 - CN); **F21W 2102/13** (2017.12 - CN); **F21W 2102/155** (2017.12 - EP); **F21Y 2115/10** (2016.07 - CN)

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