

Title (en)

REFRACTOR ASSEMBLY, LIGHTING OR SIGNALING DEVICE AND MOTOR VEHICLE

Title (de)

REFRAKTOREN-ANORDNUNG, BELEUCHTUNGS- ODER SIGNALVORRICHTUNG UND KRAFTFAHRZEUG

Title (fr)

ENSEMBLE DES RÉFRACTEURS DE LUMIÈRE, DISPOSITIF D'ÉCLAIRAGE OU DE SIGNALISATION ET VÉHICULE À MOTEUR

Publication

EP 3534063 B1 20220817 (EN)

Application

EP 19160147 A 20190228

Priority

CN 201820290426 U 20180301

Abstract (en)

[origin: EP3534063A1] The present disclosure provides a light guide assembly, a lighting or signaling device and a motor vehicle. The light guide assembly (100) comprises a plurality of first light guide elements (110), a second light guide element (120) spaced apart from the first light guide elements (110) in a first direction (X), and a support frame (130), the plurality of first light guide elements are spaced apart from one another in a second direction (Y) perpendicular to the first direction (X), and configured to receive and guide light from light sources such that the light is uniformly distributed in a plane perpendicular to the first direction, the second light guide element is configured to receive the light from the first light guide elements and to guide light entering the second light guide element to exit in a predetermined direction, and the support frame connects and supports the first light guide elements and the second light guide element and comprises an engagement part connected with the second light guide element such that when viewed in the first direction, the engagement part overlaps with a portion of the second light guide element and is configured to guide light entering the engagement part to be incident in the first direction into the portion of the second light guide element overlapping with the engagement part.

IPC 8 full level

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CPC (source: EP)

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Cited by

FR3141231A1; DE102019105969B4; WO2024088832A1; WO2023030878A1

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