

Title (en)

OPTICAL DEVICE FOR AN AUTOMOBILE HEADLIGHT

Title (de)

OPTISCHE VORRICHTUNG FÜR KRAFTFAHRZEUGSCHEINWERFER

Title (fr)

DISPOSITIF OPTIQUE POUR UN PHARE DE VÉHICULE AUTOMOBILE

Publication

EP 4198380 A1 20230621 (EN)

Application

EP 21215781 A 20211217

Priority

EP 21215781 A 20211217

Abstract (en)

The present invention pertains to an optical device (100) for an automotive vehicle comprising at least one light source (10) configured to produce a light beam. The optical device (100) further comprises at least one light guide (20) having a light entry portion (22) that is arranged facing the at least one light source (10) to receive said light beam. The optical device includes at least one support structure (30) configured to support the at least one light guide (20). In addition, at least one cover (40) is assembled with the at least one support structure (30) to cover the light entry portion (22) of the at least one light guide (20). The at least one cover (40) and the at least one support structure (30) create a hinge (50) in an assembled state. Further, the hinge (50) is configured to rotatably secure at least one cover (40) and the at least one support structure (30) around a hinge axis (A-A').

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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