

Title (en)

Vehicle headlamp and lighting assembly comprising at least one such a headlamp

Title (de)

Scheinwerfer für Fahrzeuge und Beleuchtungseinrichtung mit wenigstens einem solchen Scheinwerfer

Title (fr)

Projecteur pour véhicule et dispositif d'éclairage avec au moins un tel projecteur

Publication

EP 1162401 A3 20040324 (DE)

Application

EP 01112686 A 20010525

Priority

DE 10028456 A 20000608

Abstract (en)

[origin: EP1162401A2] The device has a light source that emits visible and non-visible light, a reflector of light from the source and a transparent plate in the light path from the reflector, whereby the headlamp emits a stopped light beam in the visible region and has an upper light-dark boundary. A deflector in at least part of the beam path deflects at least some of the light in the non-visible region so that it has a longer range than the visible light. The device has a light source (20) that emits light in the visible and non-visible wavelength ranges, a reflector (22) of light from the source and a transparent plate (28) in the light path from the reflector, whereby the headlamp emits a stopped light beam in the visible region and has an upper light-dark boundary. A deflector (40) is arranged in at least part of the beam path to deflect at least some of the light in the non-visible region so that it has a longer range than the visible light. A lighting device with at least one headlamp has a sensor and display associated with the non-visible light. An Independent claim is also included for a lighting device with at least one headlamp.

IPC 1-7

F21S 8/10; B60Q 1/52

IPC 8 full level

F21V 5/00 (2018.01); **F21V 7/00** (2006.01); **F21V 9/04** (2006.01)

CPC (source: EP US)

F21S 41/337 (2017.12 - EP); **F21V 5/002** (2013.01 - EP US); **F21V 9/04** (2013.01 - EP US)

Citation (search report)

- [A] EP 0455524 A1 19911106 - RENAULT [FR]
- [A] EP 0584547 A1 19940302 - CARELLO SPA [IT]
- [AD] DE 19610904 A1 19970925 - BOSCH GMBH ROBERT [DE]

Cited by

FR2839138A1; EP1346875A3; US6976772B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 1162401 A2 20011212; **EP 1162401 A3 20040324**; **EP 1162401 B1 20060726**; DE 10028456 A1 20011213; DE 50110522 D1 20060907

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