

Title (en)

LED headlamp and illumination system with such a headlamp

Title (de)

LED-Scheinwerfer und Beleuchtungssystem mit einem solchen Scheinwerfer

Title (fr)

Phares DEL et système d'éclairage doté de tels phares

Publication

**EP 1837590 B1 20110907 (DE)**

Application

**EP 07005834 A 20070321**

Priority

DE 202006004481 U 20060321

Abstract (en)

[origin: EP1837590A1] The head light has one or more light source, which has one or more light emitting diodes (LEDs), whereby a lens (24) is arranged to one or more LEDs (22), which bundles the light of the LEDs. The centerline of two radiation beam is not parallel, which are emitted by the lens arranged in the LEDs. An independent claim is also included for lighting system.

IPC 8 full level

**F21V 14/02** (2006.01); **F21K 99/00** (2010.01); **F21V 7/00** (2006.01); **F21V 14/06** (2006.01)

CPC (source: EP US)

**F21S 6/005** (2013.01 - EP); **F21S 8/086** (2013.01 - EP); **F21V 5/04** (2013.01 - EP US); **F21V 7/0008** (2013.01 - EP); **F21V 14/02** (2013.01 - EP US); **F21V 14/04** (2013.01 - EP); **F21V 14/06** (2013.01 - EP); **F21W 2131/10** (2013.01 - EP); **F21W 2131/103** (2013.01 - EP); **F21Y 2115/10** (2016.07 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 202006004481 U1 20060524**; AT E523733 T1 20110915; EP 1837590 A1 20070926; EP 1837590 B1 20110907; EP 2264362 A1 20101222; EP 2264362 B1 20200729

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**DE 202006004481 U 20060321**; AT 07005834 T 20070321; EP 07005834 A 20070321; EP 10182275 A 20070321