

Title (en)

Headlamp system with controlled and/or regulated defogging system

Title (de)

Scheinwerfersystem mit gesteuerter und/oder geregelter Beschlagverminderungsvorrichtung

Title (fr)

Système de phare doté d'un dispositif de désembuage commandé et/ou réglé

Publication

**EP 2020569 B1 20111019 (DE)**

Application

**EP 08013734 A 20080731**

Priority

DE 102007036486 A 20070801

Abstract (en)

[origin: EP2020569A2] Headlamp system comprises a sensor system (80) which releases a signal depending on a characteristic value of the relative air moisture in the inner chamber (15) of the headlamp (10). The sensor system controls and/or regulates a conveying unit (70) using the released signal. Preferred Features: The sensor system comprises an illuminating diode and an optical receiver. A heat source (50) is arranged in the inner chamber of the headlamp and is thermally connected to a light source (40).

IPC 8 full level

**F21V 31/03** (2006.01); **F21S 8/10** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21S 45/33** (2017.12 - EP); **F21S 45/435** (2017.12 - EP US); **F21S 45/60** (2017.12 - EP); **F21V 29/67** (2015.01 - EP US); **F21V 29/83** (2015.01 - EP); **F21V 29/90** (2015.01 - EP US); **F21V 31/03** (2013.01 - EP); **F21S 41/143** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by

CN108397742A; FR3043171A1; EP3555523A4; EP3159596A1; DE102009055681A1; CN111795353A; JP2010108637A; EP2306084A3; EP2375136A1; EP3327335A1; WO2022063416A1; US9982857B2; US10228105B2; US8967842B2; EP3252369A1; FR3051889A1; CN107448860A; CN114688498A; WO2023198372A1; US9829173B2; US10337690B2; EP2404110B1; DE102022122285A1

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