

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 A3 20100310 (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)

Citation (search report)

- [XY] FR 2701756 A1 19940826 - PEUGEOT [FR], et al
- [Y] DE 102005027087 A1 20061214 - KOSTAL LEOPOLD GMBH & CO KG [DE]
- [A] DE 102005060736 A1 20070705 - SCHEFENACKER VISION SYSTEMS [DE]
- [AP] US 2008047943 A1 20080228 - BURTON THOMAS R [US]

Cited by

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

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2020569 A2 20090204; **EP 2020569 A3 20100310**; **EP 2020569 B1 20111019**; DE 102007036486 A1 20090205; SI 2020569 T1 20120330

DOCDB simple family (application)

EP 08013734 A 20080731; DE 102007036486 A 20070801; SI 200830497 T 20080731