

Title (en)  
OPTISCHES ERFASSUNGSSYSTEM FÜR EIN KRAFTFAHRZEUG

Title (de)  
OPTICAL DETECTION SYSTEM FOR A MOTOR VEHICLE

Title (fr)  
SYSTÈME DE DÉTECTION OPTIQUE POUR VÉHICULE AUTOMOBILE

Publication  
**EP 3427109 A1 20190116 (FR)**

Application  
**EP 17708556 A 20170308**

Priority

- FR 1652015 A 20160310
- EP 2017055452 W 20170308

Abstract (en)  
[origin: WO2017153476A1] Optical detection system (1) for detecting a motor vehicle, comprising: a protective casing (3); an optical sensor (5) in the casing (3); on one side of the casing, a mesh (8) that is located along the optical axis (A) of the optical sensor (5), in the field of vision of the sensor (5), and extends perpendicularly to the optical axis (A); and on the other side of the casing, an air flow generator (19) that generates an air flow in the direction of the mesh (8).

IPC 8 full level  
**B60S 1/52** (2006.01); **B60R 11/04** (2006.01); **B60S 1/54** (2006.01); **B60S 1/56** (2006.01); **G03B 17/00** (2006.01); **G03B 17/08** (2006.01); **G03B 17/56** (2006.01); **H04N 5/225** (2006.01)

CPC (source: EP KR US)  
**B60R 11/04** (2013.01 - US); **B60S 1/52** (2013.01 - US); **B60S 1/54** (2013.01 - EP US); **B60S 1/56** (2013.01 - US); **G03B 17/00** (2013.01 - EP US); **G03B 17/08** (2013.01 - EP US); **H04N 23/51** (2023.01 - KR US); **H04N 23/55** (2023.01 - KR); **H04N 23/57** (2023.01 - KR); **H04N 23/811** (2023.01 - KR); **G03B 17/56** (2013.01 - US)

Citation (search report)  
See references of WO 2017153476A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2017153476 A1 20170914**; BR 112018016316 A2 20181226; CN 108780264 A 20181109; EP 3427109 A1 20190116; FR 3048659 A1 20170915; FR 3048659 B1 20180413; JP 2019516121 A 20190613; KR 20190008190 A 20190123; MX 2018010922 A 20190213; RU 2018135381 A 20200410; US 2019071058 A1 20190307

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**EP 2017055452 W 20170308**; BR 112018016316 A 20170308; CN 201780014949 A 20170308; EP 17708556 A 20170308; FR 1652015 A 20160310; JP 2018547432 A 20170308; KR 20187029110 A 20170308; MX 2018010922 A 20170308; RU 2018135381 A 20170308; US 201716082728 A 20170308