

Title (en)

CAMERA SYSTEM, IN PARTICULAR FOR A VEHICLE

Title (de)

KAMERASYSTEM, INSBESONDERE FÜR EIN FAHRZEUG

Title (fr)

SYSTÈME DE CAMÉRA, EN PARTICULIER POUR UN VÉHICULE

Publication

EP 2802489 A1 20141119 (DE)

Application

EP 12809667 A 20121210

Priority

- DE 102012200200 A 20120109
- EP 2012074914 W 20121210

Abstract (en)

[origin: WO2013104475A1] The invention relates to a camera system, in particular for a vehicle. The camera system (5) has at least the following: a lens (8) for detecting a detection region (18), an image sensor (10) for outputting image signals (S1), and an optical attachment (16) which is arranged in the detection region (18), said optical attachment (16) together with the lens (8) forming an optical imaging system (17) for imaging a two-dimensional detection region (24) on the image sensor (10). The optical attachment is formed by exactly one lens attachment (16) with an inlet surface (16b) and an outlet surface (16a), and the two-dimensional detection region (24) does not run perpendicular in relation to the optical axis (B) of the lens attachment (16) and is sharply imaged on the image sensor by the optical imaging system (17). The inlet and outlet surfaces are preferably not spherically curved.

IPC 8 full level

B60S 1/08 (2006.01); **G03B 13/32** (2006.01); **H04N 5/225** (2006.01)

CPC (source: EP US)

B60R 1/10 (2013.01 - US); **B60R 11/04** (2013.01 - EP US); **B60S 1/0844** (2013.01 - EP US); **G03B 15/00** (2013.01 - EP US); **G03B 17/565** (2013.01 - EP US); **G06V 20/56** (2022.01 - EP US); **B60R 2300/106** (2013.01 - US); **B60R 2300/108** (2013.01 - US); **B60R 2300/8053** (2013.01 - US)

Citation (search report)

See references of WO 2013104475A1

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

DOCDB simple family (publication)

DE 102012200200 A1 20130711; **DE 102012200200 B4 20200917**; CN 104039610 A 20140910; CN 104039610 B 20180223; EP 2802489 A1 20141119; US 2015070499 A1 20150312; WO 2013104475 A1 20130718

DOCDB simple family (application)

DE 102012200200 A 20120109; CN 201280066215 A 20121210; EP 12809667 A 20121210; EP 2012074914 W 20121210; US 201214370950 A 20121210