

Title (en)

NIGHT VISION DEVICE FOR A MOTOR VEHICLE

Title (de)

NACHTSICHTEINRICHTUNG FÜR EIN KRAFTFAHRZEUG

Title (fr)

DISPOSITIF DE VISION NOCTURNE POUR AUTOMOBILE

Publication

EP 1931538 A1 20080618 (DE)

Application

EP 06792900 A 20060818

Priority

- EP 2006065456 W 20060818
- DE 102005046672 A 20050929

Abstract (en)

[origin: DE102005046672A1] The device has a camera (3) for detecting a driving situation in front of a vehicle. A navigating device (11), steering angle sensor (10), rotating rate sensor (15) and radar sensor (16) are utilized such that a roadway on which a vehicle is to be driven by a driver is determined. The determined roadway is shown in a display unit (8) for representing a driving situation in front of the vehicle. A warning symbol or a direction symbol is displayed in the display unit. An independent claim is also included for a method of representing a driving situation in front of a vehicle for a night vision device.

IPC 8 full level

B60R 1/00 (2006.01); **G01C 21/26** (2006.01); **H04N 7/18** (2006.01)

CPC (source: EP US)

B60R 1/24 (2022.01 - EP US); **B60R 1/30** (2022.01 - EP US); **B62D 15/0295** (2013.01 - EP US); **G01C 21/3602** (2013.01 - EP US); **G01C 21/3647** (2013.01 - EP US); **G01C 21/365** (2013.01 - EP US); **G01C 21/3697** (2013.01 - EP US); **B60R 2300/103** (2013.01 - EP US); **B60R 2300/106** (2013.01 - EP US); **B60R 2300/205** (2013.01 - EP US); **B60R 2300/302** (2013.01 - EP US); **B60R 2300/305** (2013.01 - EP US); **B60R 2300/8053** (2013.01 - EP US)

Citation (examination)

- EP 1065642 A2 20010103 - FUJITSU TEN LTD [JP]
- CN 1737500 A 20060222 - AISIN SEIKI [JP]
- See also references of WO 2007036397A1

Cited by

CN110949268A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 102005046672 A1 20070405; CN 101272932 A 20080924; CN 101272932 B 20100519; EP 1931538 A1 20080618; JP 2009512915 A 20090326; JP 4834100 B2 20111207; US 2009195414 A1 20090806; US 8354944 B2 20130115; WO 2007036397 A1 20070405

DOCDB simple family (application)

DE 102005046672 A 20050929; CN 200680035501 A 20060818; EP 06792900 A 20060818; EP 2006065456 W 20060818; JP 2008532696 A 20060818; US 99244006 A 20060818