

Title (en)

LANE CHANGING AID FOR MOTOR VEHICLES

Title (de)

SPURWECHSELASSISTENT FÜR KRAFTFAHRZEUGE

Title (fr)

ASSISTANT DE CHANGEMENT DE VOIE POUR VÉHICULES AUTOMOBILES

Publication

**EP 2033013 A1 20090311 (DE)**

Application

**EP 07728938 A 20070509**

Priority

- EP 2007054486 W 20070509
- DE 102006027326 A 20060613

Abstract (en)

[origin: WO2007144239A1] Lane changing aid for motor vehicles having a sensor system (10) for locating vehicles on the adjacent lanes in the area behind the driver's own vehicle, a decision module (12) for deciding whether a vehicle which is located in the area behind the driver's vehicle is on a directly adjacent lane, and a driver's interface for outputting the decision result, characterized in that a determining module (16) for determining the lane on which the driver's own vehicle is travelling is present, and in that the decision module (12) is designed to take the decision as a function of the result of the determining module (16).

IPC 8 full level

**B60Q 1/52** (2006.01); **B62D 15/02** (2006.01); **G01S 13/93** (2006.01); **G01S 13/931** (2020.01)

CPC (source: EP US)

**B60Q 9/008** (2013.01 - EP US); **B62D 15/029** (2013.01 - EP US); **G01S 13/931** (2013.01 - EP US); **G01S 2013/9315** (2020.01 - EP US); **G01S 2013/93271** (2020.01 - EP US); **G01S 2013/93272** (2020.01 - EP US)

Citation (search report)

See references of WO 2007144239A1

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DE FR GB IT

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

**DE 102006027326 A1 20071220**; CN 101467065 A 20090624; CN 101467065 B 20111207; EP 2033013 A1 20090311; US 2009102629 A1 20090423; US 8040253 B2 20111018; WO 2007144239 A1 20071221

DOCDB simple family (application)

**DE 102006027326 A 20060613**; CN 200780021847 A 20070509; EP 07728938 A 20070509; EP 2007054486 W 20070509; US 22738407 A 20070509