

Title (en)

CRASH DETECTION IN A STATIONARY MOTOR VEHICLE

Title (de)

CRASHERKENNUNG BEI STILLSTEHENDEM KRAFTFAHRZEUG

Title (fr)

DÉTECTION DE COLLISION AVEC UN VÉHICULE AUTOMOBILE À L'ARRÊT

Publication

**EP 3055160 A1 20160817 (DE)**

Application

**EP 14750317 A 20140808**

Priority

- DE 102013016702 A 20131008
- EP 2014002187 W 20140808

Abstract (en)

[origin: WO2015051863A1] The invention relates to a method for detecting whether a parked motor vehicle (10) has been hit or moved. In the method, at least one sensor signal (P, B, A, V, G) is received by a sensor device (20, 34, 36, 40, 44, 48) of the motor vehicle (10) by means of a control device (32) of the motor vehicle (10), said sensor signal being dependent on a relative position of the motor vehicle (10) to at least one vehicle external reference object (18, 24, 26, 50, 52). The at least one sensor signal (P, B, A, V, G) is compared with at least one predetermined signal pattern and/or with at least one predetermined interval of values and/or with at least one predetermined signal template. In the case of a difference which is determined as a result of the comparison, at least one control command (S) is emitted to at least one device of the motor vehicle (10) for initiating a protective measure.

IPC 8 full level

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CPC (source: EP US)

**B60K 28/14** (2013.01 - US); **B60L 3/0007** (2013.01 - EP US); **B60L 3/04** (2013.01 - EP US); **B60L 53/126** (2019.01 - EP US); **B60L 53/37** (2019.01 - EP US); **B60L 53/38** (2019.01 - EP US); **B60L 2240/622** (2013.01 - EP US); **Y02T 10/70** (2013.01 - EP US); **Y02T 10/7072** (2013.01 - EP US); **Y02T 10/72** (2013.01 - EP US); **Y02T 90/12** (2013.01 - EP US); **Y02T 90/14** (2013.01 - EP US); **Y02T 90/16** (2013.01 - EP US)

Citation (search report)

See references of WO 2015051863A1

Citation (examination)

US 2011196545 A1 20110811 - MIWA KOJI [JP]

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Designated extension state (EPC)

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