

Title (en)

METHOD AND CONTROL TOOL FOR DETECTING A SAFETY-CRITICAL IMPACT OF AN OBJECT ON A VEHICLE

Title (de)

VERFAHREN UND STEUERGERÄT ZUR ERKENNUNG EINES SICHERHEITSKRITISCHEN AUFPRALLS EINES OBJEKTES AUF EIN FAHRZEUG

Title (fr)

PROCÉDÉ ET UNITÉ DE COMMANDE POUR LA DÉTECTION D'UN IMPACT À SÉCURITÉ CRITIQUE, D'UN OBJET SUR UN VÉHICULE

Publication

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Application

**EP 10776963 A 20101025**

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Abstract (en)

[origin: WO2011051222A1] The invention relates to a method (300) for detecting a safety-critical impact of an object on a vehicle (100). The method (300) has a first step of obtaining (310) a starting signal for starting a time measurement in order to determine the beginning of a subsequent specified time span (240). Furthermore, the method (300) has a step of receiving (320) a signal that represents a yaw acceleration of the vehicle (100), wherein the signal is received during the specified time span (240). Finally, the method (300) has a step of detecting (330) the safety-critical impact of the object on the vehicle (100) if the signal has a value within the specified time span (240) or a value derived from the signal after the specified time span (240), said value lying outside of a threshold value range (210, 220).

IPC 8 full level

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