Title (en)

ONBOARD VEHICLE ACCIDENT DETECTION AND DAMAGE ESTIMATION SYSTEM AND METHOD OF USE

Title (de)

BORDINTERNES SYSTEM ZUR VERKEHRSUNFALLERKENNUNG UND SCHADENSBESTIMMUNG SOWIE VERFAHREN ZUR VERWENDUNG

Title (fr)

SYSTÈME A BORD DE DÉTECTION D'ACCIDENT ET D'ESTIMATION DE DOMMAGES DE VÉHICULE ET PROCÉDÉ D'UTILISATION

Publication

EP 3013643 A4 20170315 (EN)

Application

EP 14818449 A 20140627

Priority

- US 201361840383 P 20130627
- US 201361846203 P 20130715
- US 201461968904 P 20140321
- IB 2014001656 W 20140627

Abstract (en)

[origin: WO2014207558A2] Described herein is an onboard vehicle accident detection and damage estimation system and method of use. In accordance with an embodiment, a vehicle is equipped with a portable device comprising sensors that monitor vehicle and driver activity and a data collection and assessment module. Incoming sensor data is compared to historical patterns to detect when an accident has occurred. Once an accident is detected, an estimation of damage and injury is performed. The information can be used, for example, by an investigator or an insurance claims adjuster, to review the status or operation of a vehicle at the time of the accident. Additional uses of the system include notification to emergency responders and determination of the driving risk associated with segments of a transportation network.

IPC 8 full level

B60Q 1/52 (2006.01); **G07C 5/00** (2006.01); **G07C 5/08** (2006.01)

CPC (source: EP)

G01C 21/3461 (2013.01); **G07C 5/008** (2013.01); **G07C 5/0841** (2013.01); **G08B 25/016** (2013.01)

Citation (search report)

- [XI] US 2012123806 A1 20120517 - SCHUMANN JR DOUGLAS D [US], et al
- [A] EP 2471694 A2 20120704 - SCANIA CV AB [SE]

Cited by

CN106528811A; US10677605B2

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)

WO 2014207558 A2 20141231; **WO 2014207558 A3 20150730**; EP 3013643 A2 20160504; EP 3013643 A4 20170315

DOCDB simple family (application)

IB 2014001656 W 20140627; EP 14818449 A 20140627