

Title (en)

SYSTEMS AND METHODS FOR DETECTING AN IMPACT EVENT IN A PARKED VEHICLE

Title (de)

SYSTEME UND VERFAHREN ZUR ERKENNUNG EINES AUFPRALLEREIGNISSES IN EINEM GEPARKTEN FAHRZEUG

Title (fr)

SYSTÈMES ET PROCÉDÉS DE DÉTECTION D'UN ÉVÉNEMENT D'IMPACT DANS UN VÉHICULE EN STATIONNEMENT

Publication

**EP 4094261 A4 20230927 (EN)**

Application

**EP 20914848 A 20200121**

Priority

US 2020014388 W 20200121

Abstract (en)

[origin: WO2021150210A1] Embodiments of the invention include a vehicle telematics system including a telematics device, wherein the telematics device detects, using a processor of a telematics device, a vehicle ignition off event and reconfigures at least one parameter of an accelerometer for a low power mode of operation while in the vehicle ignition off state, and places the telematics device in a sleep mode of operation, wherein an accelerometer generates an interrupt to wake the processor of the telematics device from the sleep mode of operation upon detecting an acceleration event that exceeds a threshold, and the processor of the telematics device analyzes the accelerometer data stored in a FIFO buffer of the accelerometer.

IPC 8 full level

**G07C 5/08** (2006.01); **G16C 10/00** (2019.01)

CPC (source: EP)

**G07C 5/0808** (2013.01); **G07C 5/085** (2013.01); **G07C 5/008** (2013.01)

Citation (search report)

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- See also references of WO 2021150210A1

Designated contracting state (EPC)

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