

Title (en)
SIGNAL EVALUATION OF AN ACCELERATION SENSOR

Title (de)
SIGNALAUSWERTUNG EINES BESCHLEUNIGUNGSSENSORS

Title (fr)
ÉVALUATION DE SIGNAUX D'U CAPTEUR D'ACCÉLÉRATION

Publication
EP 3545477 A1 20191002 (DE)

Application
EP 17825109 A 20171128

Priority
• DE 102016122912 A 20161128
• DE 102016123327 A 20161202
• EP 2017080633 W 20171128

Abstract (en)
[origin: WO2018096166A1] The invention relates to a method for tracking a mobile object on which a navigation system (5) with a current source (6) for tracking the movement of the object. Said method is characterised in that the movement or the non-movement of the object is detected using an acceleration sensor (3), the output signal of which is guided to a computing unit (4) with evaluation logics. It is determined, in accordance with the output signal, whether the object is stationary or moving, and then if it is determined that the output signal of the acceleration sensor (3) did not change for a predeterminable amount of time, it is assumed that the object is stationary, in this case, a sleep mode is assigned.

IPC 8 full level
G06Q 10/08 (2012.01)

CPC (source: EP US)
G01C 21/12 (2013.01 - EP US); **G06Q 10/0833** (2013.01 - EP US); **G01P 15/02** (2013.01 - US)

Citation (search report)
See references of WO 2018096166A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102017128069 A1 20180530; CN 110214333 A 20190906; EP 3545477 A1 20191002; JP 2020513616 A 20200514; US 11378402 B2 20220705; US 2019383617 A1 20191219; WO 2018096166 A1 20180531

DOCDB simple family (application)
DE 102017128069 A 20171128; CN 201780084536 A 20171128; EP 17825109 A 20171128; EP 2017080633 W 20171128; JP 2019528468 A 20171128; US 201916423722 A 20190528