

Title (en)

METHOD FOR DETERMINING AN INTEGRITY RANGE

Title (de)

VERFAHREN ZUM ERMITTELN EINES INTEGRITÄTSBEREICHS

Title (fr)

PROCÉDÉ POUR DÉTERMINER UN DOMAINE D'INTÉGRITÉ

Publication

EP 3899588 A1 20211027 (DE)

Application

EP 19817669 A 20191209

Priority

- DE 102018222166 A 20181218
- EP 2019084171 W 20191209

Abstract (en)

[origin: WO2020126596A1] The invention relates to a method for determining an integrity range (1) of a parameter estimation, wherein the integrity range (1) describes the range in which an estimated parameter lies with a minimum probability. The method comprises at least the following steps: a) ascertaining first integrity information (5) on the basis of at least data (2) from at least one first sensor (13) or on the basis of a first method (4) for determining the integrity information, b) ascertaining second integrity information (7) on the basis of at least data (3) from at least one second sensor (14) that is different from the first sensor or on the basis of a second method (6) that is different from the first method (4), for determining the integrity information, c) determining the integrity range (1) by merging at least the first integrity information (5) and the second integrity information (7).

IPC 8 full level

B60W 50/02 (2012.01); **G01S 19/20** (2010.01); **G01S 19/45** (2010.01)

CPC (source: EP KR US)

B60W 50/0205 (2013.01 - US); **G01S 19/20** (2013.01 - EP KR US); **G01S 19/45** (2013.01 - KR US); **B60W 2050/0215** (2013.01 - EP KR);
B60W 2556/20 (2020.02 - EP KR); **B60W 2556/35** (2020.02 - EP KR); **G01S 19/45** (2013.01 - EP)

Citation (search report)

See references of WO 2020126596A1

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 102018222166 A1 20200618; CN 113196109 A 20210730; EP 3899588 A1 20211027; JP 2022513511 A 20220208;
JP 7284268 B2 20230530; KR 20210102262 A 20210819; US 2022063642 A1 20220303; WO 2020126596 A1 20200625

DOCDB simple family (application)

DE 102018222166 A 20181218; CN 201980083222 A 20191209; EP 19817669 A 20191209; EP 2019084171 W 20191209;
JP 2021535200 A 20191209; KR 20217018308 A 20191209; US 201917414463 A 20191209