

Title (en)
SENSOR DEVICE FOR A MOTOR VEHICLE

Title (de)
SENSORVORRICHTUNG FÜR EIN KRAFTAHRZEUG

Title (fr)
DISPOSITIF CAPTEUR POUR VÉHICULE À MOTEUR

Publication
EP 4237870 A1 20230906 (DE)

Application
EP 21773356 A 20210907

Priority
• DE 102020128622 A 20201030
• EP 2021074544 W 20210907

Abstract (en)
[origin: WO2022089818A1] The invention relates to a sensor device (2) for a motor vehicle (4), in particular for a tilting vehicle, comprising: at least one holding frame (6); at least one securing device (8), by means of which the holding frame (6) can be or is secured on at least one component (10) of the motor vehicle (4) stationarily relative to the at least one component (10); at least one first aligning unit (20) for aligning the holding frame (6) when it is being secured in a TARGET alignment, the first alignment unit (20) comprising at least three contact points, at which the holding frame (6) contactingly abuts against the at least one component (10) and/or a further component of the motor vehicle (4) when in the secured arrangement; and at least one sensor means (22) which can be inserted into the holding frame (6) and can be secured therein stationarily relative to the holding frame (6).

IPC 8 full level
G01S 7/02 (2006.01); **G01S 7/40** (2006.01); **G01S 7/481** (2006.01); **G01S 7/497** (2006.01); **G01S 13/931** (2020.01); **G01S 17/931** (2020.01)

CPC (source: EP US)
G01S 7/027 (2021.05 - EP); **G01S 7/4026** (2013.01 - EP); **G01S 7/4813** (2013.01 - EP US); **G01S 7/4972** (2013.01 - EP);
G01S 13/08 (2013.01 - US); **G01S 13/931** (2013.01 - EP); **G01S 17/931** (2020.01 - EP)

Citation (search report)
See references of WO 2022089818A1

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

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
WO 2022089818 A1 20220505; CN 116324479 A 20230623; DE 102020128622 A1 20220505; EP 4237870 A1 20230906;
US 2024019563 A1 20240118

DOCDB simple family (application)
EP 2021074544 W 20210907; CN 202180066659 A 20210907; DE 102020128622 A 20201030; EP 21773356 A 20210907;
US 202118033644 A 20210907