

Title (en)

DEVICE FOR DETECTING A POSITION ANGLE OF A ROTATABLE COMPONENT OF A VEHICLE AND VEHICLE COMPRISING SUCH A DEVICE

Title (de)

VORRICHTUNG ZUM ERFASSEN EINES POSITIONSWINKELS EINES DREHBAREN BAUTEILS EINES FAHRZEUGS SOWIE FAHRZEUG MIT EINER DERARTIGEN VORRICHTUNG

Title (fr)

DISPOSITIF DE DÉTERMINATION DE LA POSITION ANGULAIRE D'UN COMPOSANT ROTATIF D'UN VÉHICULE, ET VÉHICULE ÉQUIPÉ D'UN TEL DISPOSITIF

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Application

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Abstract (en)

[origin: WO2012019946A1] The invention relates to a device for detecting a position angle of a rotatable component (2) of a vehicle, comprising a gear wheel device (3) which is coupled to the component (2), wherein a gear wheel (4) of the gear wheel device (3) engages with a toothed structure (5) of the component (2), wherein teeth (6) of the gear wheel (4) are designed to be inherently deformable in the direction of revolution about an axis of rotation (A) of the gear wheel (4) and/or teeth (7) of the toothed structure (5) of the component (2) and in the direction of revolution about an axis of rotation (B) of the toothed structure (5). The invention also relates to a vehicle comprising such a device (1).

IPC 8 full level

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