

Title (en)

BALL JOINT FOR A VEHICLE WITH A TILT ANGLE MEASURING DEVICE

Title (de)

KUGELGELENK FÜR EIN FAHRZEUG MIT KIPPWINKELMESSEINRICHTUNG

Title (fr)

JOINT À ROTULE POUR UN VÉHICULE MUNI D'UN DISPOSITIF DE MESURE DE L'ANGLE D'INCLINAISON

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Application

EP 16775642 A 20160928

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Abstract (en)

[origin: WO2017067766A1] The invention relates to a ball joint (1) for a vehicle, comprising a housing (2) and a ball stud (3) extending in an axial direction (A) and comprising a ball joint (4), which is pivotably moveably mounted in the housing (2) with its ball joint (4) and extends out through an opening (8) of the housing (2), and at least one sensor (6) which functions to detect a tilt angle (α) between the ball stud (3) and the housing (2), wherein the ball joint (4) has a flattened area (5), and wherein the at least one sensor (6) is a distance sensor which is arranged on a wall (7) of the housing (2) and lies opposite the flattened area (5) of the ball joint (4) in order to detect a distance (d) with respect to the flattened area (5) and to derive the tilt angle (α) from this.

IPC 8 full level

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Citation (search report)

See references of WO 2017067766A1

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