

Title (en)

ROCKER ARM MECHANISM FOR CLAMPING AN ADJUSTABLE STEERING COLUMN

Title (de)

KIPPSTIFTMECHANISMUS ZUM KLEMMEN EINER VERSTELLBAREN LENKSÄULE

Title (fr)

MECANISME A BROCHES BASCULANTES POUR LE BLOCAGE D'UNE COLONNE DE DIRECTION REGLABLE

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Application

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Abstract (en)

[origin: WO0208046A1] The invention relates to a rocker arm mechanism on a clamping device in an adjustable motor vehicle steering column for the detachable fixing of a housing for the steering column to a mounting on the chassis. The housing and mounting may be connected by means of at least one pair of co-operating friction surfaces which may be clamped together by means of the rocker arm mechanism. The rocker arm mechanism thus comprises a centrally arranged stud (3), which is displaceable in the direction of the mid-longitudinal axis (13) thereof and at least one rocker arm (6) arranged with the longitudinal axis (14) thereof roughly parallel to the stud mid-longitudinal axis (13). Said rocker arm (6) is supported either directly or indirectly on a stud head (4) and the other end thereof is located in a recess (10) on the front face of an operating collar (5). Said rocker arm (6) may be tipped by turning the operating collar (5), out into a locking closed position over the axial extent, parallel to the stud mid-longitudinal axis (13) and in the opposite direction into an open position. According to the invention, the operating collar (5) comprises at least one recess (11) for a further rocker arm (6) on the second front face facing away from the first rocker arm. The other end of said rocker arm (6) is supported on a pressure disc (7) which may be axially displaced in the direction of the mid-axis of the operating collar (5).

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