

Title (en)

TIGHTENING DEVICE AND METHOD OF ADJUSTING A SLIDABLE DOOR OF A VEHICLE

Title (de)

MONTAGEVORRICHTUNG UND VERFAHREN ZUM JUSTIEREN EINER SCHIEBETÜR EINES FAHRZEUGS

Title (fr)

DISPOSITIF DE SERRAGE ET PROCÉDÉ DE RÉGLAGE D'UNE PORTE COULISSANTE D'UN VÉHICULE

Publication

EP 3520966 A1 20190807 (EN)

Application

EP 18155033 A 20180205

Priority

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Abstract (en)

A tightening device (21) for tightening or loosening a bolt (18) arranged in a cavity with limited clearance (Δy , Δz), comprising: a ring gear (23) having outer teeth and having inner ridges (28); a driving gear set (24, 25, 26) comprising a driving gear (26) and at least one intermediate gear (24); the intermediate gear (24) located between the driving gear (26) and the ring gear (23); the ring gear (23) and the intermediate gear (24) accommodated in a metal housing comprising a half-disk-shaped housing portion (29) and a rectangular beam-shaped housing portion (30), having a height (H) of at most 5 mm, and made of tempered steel having a hardness of about 40 HRC. A method of adjusting a position of a slideable door (12) mounted to a vehicle body (11).

IPC 8 full level

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CPC (source: EP)

B25B 13/481 (2013.01); **B25B 17/00** (2013.01); **B25B 21/002** (2013.01); **B25B 21/004** (2013.01)

Citation (applicant)

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Citation (search report)

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