

Title (en)

TORQUE TRANSMISSION DEVICE, IN PARTICULAR IN THE FORM OF A CHUCK FOR A BIT

Title (de)

DREHMOMENTÜBERTRAGUNGSEINRICHTUNG INSBESONDERE IN FORM EINES SPANNFUTTERS FÜR BITS

Title (fr)

DISPOSITIF DE TRANSMISSION DE COUPLE DE ROTATION EN PARTICULIER SOUS LA FORME D'UN MANDRIN DE SERRAGE POUR MECHES

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Application

EP 11764770 A 20111007

Priority

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Abstract (en)

[origin: WO2012049079A1] The invention relates to a torque transmission device, comprising a sleeve part (1), which on the output side (11) thereof has an insertion opening (4) for a screwdriver insert (3), the opening having a non-round, in particular polygonal, cross-section, and on the drive side (12) has a drive shaft (2) that is inserted with an immobilization section (16), a stop section (20', 20'') and an interposed torsion section (18), which twists when a torque is applied, in a drive cavity (6, 8, 9) of the sleeve part (1), wherein the drive shaft (2) is connected to the sleeve part (1) by means of the immobilization section (16) in a rotationally and axially fixed manner and can undergo torsion together with twisting of the torsion section (18), wherein the torsional ability of the stop section (20', 20'') is limited by the stop in the screw tightening direction and in the screw loosening direction. So as to allow better use of the torque transmission device with a rotary impact screwdriver, the torsional angle of the stop section (20, 20'') in the screw tightening direction is greater than in the screw loosening direction.

IPC 8 full level

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