

Title (en)
A DEVICE ON MANUAL MACHINE TOOLS FOR TORQUE TRANSMISSION.

Title (de)
EINRICHTUNG AN HANDWERKZEUGMASCHINEN ZUR DREHMOMENTÜBERTRAGUNG.

Title (fr)
DISPOSITIF DE TRANSMISSION DE COUPLE SUR LES MACHINES-OUTILS.

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Application
EP 89908381 A 19890719

Priority
DE 3824894 A 19880722

Abstract (en)
[origin: WO9000957A1] The device on manual machine tools is designed for transmitting torque to percussion drills in that locking components (7) with recesses (6a) axially closed on both sides and cotters (2b, 2c) co-operate with keyways (6c, 6d) distributed around the periphery on the tool spindle (6). To prevent incorrect use, the keyways (6c, 6d) are so arranged that it is impossible for two keyways (6c, 6d) to be diametrically opposite each other. In order to be able to make the keyways (6c, 6d) economically by forging, the sum of the cross-sections of the keyways (6c, 6d) is equal on both sides of longitudinal plane (X) running through the recesses (6a) so that the same volume of material has to be forged on both sides of this longitudinal plane (X) and the forces generated are thus uniformly distributed.

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WO 9000957 A1 19900208; CN 1015786 B 19920311; CN 1040847 A 19900328; DE 3824894 A1 19900125; DE 58905983 D1 19931125; DK 171211 B1 19960729; DK 73390 A 19900331; DK 73390 D0 19900321; EP 0432169 A1 19910619; EP 0432169 B1 19931020; JP 2736144 B2 19980402; JP H03505996 A 19911226; KR 0148797 B1 19981015; KR 900701478 A 19901203; US 5076371 A 19911231

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