Title (en)
Tool and toolholder for hand held machine.

Title (de)
Werkzeug und Werkzeughalter für Handwerkzeuggeräte.

Title (fr)
Outil et porte-outil pour machine à main.

Publication
EP 0500489 B1 19950823 (DE)

Application
EP 92810040 A 19920122

Priority
DE 4105414 A 19910221

Abstract (en)
[origin: EP0500489A2] Rotational drivers (6, 7) of different radian measure are provided on a toolholder for hand held machines for transmitting a torque to the tool shank (8) of a tool. Corresponding rotational-driving grooves (9, 10), likewise of different radian measure, are provided on the tool shank (8). Locking members (4), capable of engaging radially into recesses (11, 12), closed on both sides, in the tool shank (8), serve for axial retention of the tool. By virtue of the asymmetric configuration of the rotational drivers (6, 7) and rotational-driving grooves (9, 10), it is possible to transmit a high torque while avoiding a damaging cross-sectional weakening of the tool shank (8). <IMAGE>

IPC 1-7
B25D 17/08

IPC 8 full level
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B25D 17/08 (2013.01 - KR); **B25D 17/088** (2013.01 - EP US); B25D 2217/0034 (2013.01 - EP US); Y10T 279/17068 (2015.01 - EP US); Y10T 279/17085 (2015.01 - EP US); Y10T 408/907 (2015.01 - EP US); Y10T 408/953 (2015.01 - EP US)

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EP 0500489 A2 19920826; **EP 0500489 A3 19930414**; **EP 0500489 B1 19950823**; AT E126748 T1 19950915; AU 1102792 A 19920827; AU 644266 B2 19931202; CA 2061591 A1 19920822; CA 2061591 C 20020416; CN 1027876 C 19950315; CN 1064232 A 19920909; CS 49592 A3 19920916; CZ 279493 B6 19950517; DE 4105414 A1 19920827; DE 59203327 D1 19950928; DK 0500489 T3 19960102; ES 2075669 T3 19951001; FI 920729 A0 19920220; FI 920729 A 19920822; FI 98607 B 19970415; FI 98607 C 19970725; GR 3017341 T3 19951231; HU 209800 B 19941128; HU 9200551 D0 19920528; HU T60182 A 19920828; JP 3442796 B2 20030902; JP H04322905 A 19921112; KR 0174731 B1 19990218; KR 920016195 A 19920924; MX 9200708 A 19920901; NO 176701 B 19950206; NO 176701 C 19950516; NO 920683 D0 19920220; NO 920683 L 19920824; PL 167458 B1 19950930; PL 293533 A1 19921102; SK 279415 B6 19981104; US 5174698 A 19921229; YU 13092 A 19951003; ZA 921136 B 19921125

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