

Title (en)
Hand power screwdriver.

Title (de)
Hand-Schraubgerät.

Title (fr)
Appareil de vissage à main.

Publication
EP 0469386 B1 19940309 (DE)

Application
EP 91111899 A 19910717

Priority
DE 4024031 A 19900728

Abstract (en)
[origin: EP0469386A1] In a hand power screwdriver (1), the handle (17) extending perpendicularly to the motor axis (3-3) is arranged in the region of the centre of gravity of the screwdriver (1) and the screwing blade (5) is mounted, offset with respect to the motor axis (3-3), between the latter and the handle (17) in a guiding attachment (7). Consequently, the screwdriver (1) can be held safely and without fatigue, the pressing hand being in alignment with the screwing blade (5) so that perfect perpendicular screwing-in of the screw (11) is guaranteed. <IMAGE>

IPC 1-7
B25B 23/06

IPC 8 full level
B25B 21/00 (2006.01); **B25B 23/04** (2006.01); **B25B 23/06** (2006.01)

CPC (source: EP US)
B25B 21/00 (2013.01 - EP US); **B25B 23/045** (2013.01 - EP US)

Citation (examination)
US 4014468 A 19770329 - SILVERMAN PAUL, et al

Cited by
DE9412563U1; DE102015210140A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)
EP 0469386 A1 19920205; EP 0469386 B1 19940309; AT E102531 T1 19940315; CA 2048007 C 19950404; DE 4024031 A1 19920130; DE 59101149 D1 19940414; GB 9116344 D0 19910911; JP 2541713 B2 19961009; JP H04226870 A 19920817; US 5109738 A 19920505

DOCDB simple family (application)
EP 91111899 A 19910717; AT 91111899 T 19910717; CA 2048007 A 19910726; DE 4024031 A 19900728; DE 59101149 T 19910717; GB 9116344 A 19910729; JP 18426491 A 19910724; US 72899091 A 19910712