

Title (en)
HAND-HELD ELECTRICAL MACHINE TOOL, IN PARTICULAR ANGLE GRINDING MACHINE.

Title (de)
ELEKTRISCHE HANDWERKZEUGMASCHINE, INSBESONDER WINKELSCHLEIFMASCHINE.

Title (fr)
MACHINE-OUTIL MANUELLE ELECTRIQUE, NOTAMMENT MEULEUSE ANGULAIRE.

Publication
EP 0539382 B1 19941019

Application
EP 91909786 A 19910528

Priority
• DE 4022668 A 19900717
• DE 9100455 W 19910528

Abstract (en)
[origin: WO9201535A1] The invention concerns a hand-held electrical machine tool, in particular an angle grinding machine, in which, to optimize the human-engineering aspects of the design, the handle (12) with its trigger bar (18) can rotate relative to the tool holder (13) on the drive head (11). In order to be able to change the relative position of the handle (12) and tool holder (13) over rapidly without complications occurring, the handle (12) can be locked against rotation in at least two rotational positions by means of a manually operated locking device (40) mounted on the motor casing (10) accommodating the electrical drive, the handle being held by a manually operated tensioning device (24) on the motor housing (10). In a preferred embodiment, the locking device (40) and the tensioning device (24) are positively coupled to each other and are operated simultaneously by a single tensioning lever (19).

IPC 1-7
B24B 23/02; **B25F 5/02**

IPC 8 full level
B24B 23/02 (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP US)
B24B 23/028 (2013.01 - EP US); **B25F 5/02** (2013.01 - EP US)

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
WO 9201535 A1 19920206; BR 9106644 A 19930608; DE 4022668 A1 19920123; DE 59103294 D1 19941124; EP 0539382 A1 19930505; EP 0539382 B1 19941019; ES 2064106 T3 19950116; JP 3032006 B2 20000410; JP H05508353 A 19931125; US 5407381 A 19950418

DOCDB simple family (application)
DE 9100455 W 19910528; BR 9106644 A 19910528; DE 4022668 A 19900717; DE 59103294 T 19910528; EP 91909786 A 19910528; ES 91909786 T 19910528; JP 50969591 A 19910528; US 97186693 A 19930510