

Title (en)

ELECTRIC MOTOR FOR A SMALL ELECTRIC TOOL

Publication

**EP 0224054 B1 19920603 (DE)**

Application

**EP 86114907 A 19861027**

Priority

DE 3538939 A 19851031

Abstract (en)

[origin: EP0224054A2] The pot-shaped end bracket (1) made of plastics material for the motor of a small electric tool has a combined on-off switch having a changeover switch (80), two field plugs (15) for a power supply cable, an interference suppression capacitor (14) and a contact grid. The field plugs (15) extend through the bottom of the end bracket (1). A circuit arrangement (45) is fitted into the end bracket (1) and carries a contact grid, in the form of a punched grid (60) for optional connection of chokes (13), changeover switches (80), diodes (71), resistors etc. The punched grid (60) has on-off contact positions and reversing switch contact positions (67, 68) and lies on the side of the circuit arrangement (45) facing towards the rotor (3). Changeover contacts (32) are arranged on the side of the circuit arrangement (45) facing away from the rotor (3) and arrangements are provided by which the changeover contacts (32) can be operated simultaneously with the on-off switch contacts. <IMAGE>

IPC 1-7

**H01H 9/06; H02K 15/00**

IPC 8 full level

**H01H 9/06** (2006.01); **H02K 15/00** (2006.01)

CPC (source: EP)

**H01H 9/063** (2013.01)

Cited by

DE4004463A1; DE102007039550A1; DE3744488A1; EP0335353A3; DE3943651C2; DE3923421A1; US5196747A

Designated contracting state (EPC)

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