

Title (en)

Motor and control unit of a power driven screwdriver with torque limiting clutch

Title (de)

Motor- und Bedieneinheit eines kraftgetriebenen Schraubers mit Drehmomentbegrenzungskupplung

Title (fr)

Ensemble moteur et unité de contrôle d'un tournevis motorisé avec embrayage limitateur de couple

Publication

**EP 1543925 B1 20110727 (DE)**

Application

**EP 04007180 A 20040325**

Priority

DE 20319668 U 20031218

Abstract (en)

[origin: EP1543925A2] The operating unit is connected to a power drive, with support foot for torque pick-up, and a pref. square power take-off for bits/connectors. The unit housing (8) is cylindrical and contains an electric motor, with stator, rotor, and a ventilator positioned coaxial to the cylinder. An integral hand grip (9) formed e.g. like a piston grip, projects radially from the end of the housing opposite to the power drive (3). A box (10) for an electronic control system is also mounted on the housing. A free grip space (11) is formed between hand grip and box. The housing consists of two semi-shells (8a,b) of precision-cast aluminum.

IPC 8 full level

**B25B 21/00** (2006.01); **B25F 5/02** (2006.01)

CPC (source: EP)

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