

Title (en)
MOTOR DRIVEN POWER TOOL

Publication
EP 0063460 B1 19861210 (EN)

Application
EP 82301895 A 19820408

Priority
GB 8111620 A 19810413

Abstract (en)
[origin: EP0063460A2] The tool comprises a casing (12) which contains an electric motor (11) connected to a tool holder (17) via a gear box (14) and a torque sensitive clutch (15), (16), (21), (22). The tool also includes switch means operable to cut off the motor when a torque above a predetermined value is transmitted across the clutch. The switch means includes a Hall effect device comprising a stationary Hall effect element (43) and a magnet (37) movable with a rod (32) in response to operation of the torque sensitive clutch.

IPC 1-7
B25B 23/147

IPC 8 full level
B25B 23/147 (2006.01); **B25B 23/157** (2006.01)

CPC (source: EP)
B25B 23/147 (2013.01)

Cited by
EP0309627A1; US5738177A; DE4019895A1; DE4019895C2; DE19737234A1; DE19737234B4; DE19738094C1; EP0266066A1; FR2607420A1; US4838364A

Designated contracting state (EPC)
AT BE CH DE FR IT LI LU NL SE

DOCDB simple family (publication)
EP 0063460 A2 19821027; EP 0063460 A3 19840104; EP 0063460 B1 19861210; AT E24140 T1 19861215; DE 3274631 D1 19870122; GB 2096510 A 19821020; GB 2096510 B 19850123

DOCDB simple family (application)
EP 82301895 A 19820408; AT 82301895 T 19820408; DE 3274631 T 19820408; GB 8210479 A 19820408