

Title (en)

PORTABLE POWER-ACTUATED TOOL FOR DRILLING WITH OR WITHOUT PERCUSSION

Publication

EP 0224010 B1 19910116 (DE)

Application

EP 86114378 A 19861017

Priority

DE 3540964 A 19851119

Abstract (en)

[origin: US4776406A] A motor-driven hand drill includes a housing, in which between a motor and a drill receptacle, a safety coupling for limiting a torque, applied to a drill, is positioned. For specific conditions, for example for drilling in armoring iron, the torque applied to the drill must be increased. The drill is provided with an electro-magnetic device which is operatively connected to the safety coupling to adjust the limiting torque applied to the drill. The magnetic device is actuated by means of a pushbutton positioned in the same gripping region as the pushbutton for actuating an electric motor of the drill to switch the same on and off.

IPC 1-7

B25D 16/00; **B25D 17/00**

IPC 8 full level

B25D 16/00 (2006.01); **B25D 17/00** (2006.01); **B25D 17/10** (2006.01); **B25D 17/04** (2006.01)

CPC (source: EP US)

B25D 16/003 (2013.01 - EP US); **B25D 16/006** (2013.01 - EP US); **B25D 2250/265** (2013.01 - EP US)

Cited by

CN103878752A; GB2261836A; GB2261836B; GB2415161A; GB2415161B; CN105415294A; US8905153B2; WO2009156005A1; WO2012159559A1; US7303026B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 0224010 A1 19870603; **EP 0224010 B1 19910116**; DE 3540964 A1 19870521; DE 3676961 D1 19910221; US 4776406 A 19881011

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