

Title (en)

SWITCHABLE CLUTCH FOR AN ELECTRICAL HAND TOOL

Title (de)

SCHALTBARE KUPPLUNG FÜR EIN ELEKTROHANDWERKZEUG

Title (fr)

COUPLAGE COMMUTABLE POUR UN OUTIL ÉLECTRONIQUE MANUEL

Publication

EP 1993765 A1 20081126 (DE)

Application

EP 07703855 A 20070115

Priority

- EP 2007050339 W 20070115
- DE 102006009922 A 20060303

Abstract (en)

[origin: WO2007101735A1] The invention relates to a clutch (2) for a hand-operated electrical tool, in particular for a hand-held electrical device with a rotating tool, such as a drill or hammer drill, where the clutch (2) disengages automatically when a defined disengagement torque is exceeded. The invention further relates to a hand-operated electrical tool, in particular a hand-held electrical device with a rotating tool, which has this type of clutch (2). The clutch (2) is switchable between two clutch conditions, which have a different level of disengagement torque.

IPC 8 full level

B23B 45/00 (2006.01); **B25F 5/00** (2006.01); **F16D 7/04** (2006.01)

CPC (source: EP US)

B23B 45/008 (2013.01 - EP US); **B25D 16/003** (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **F16D 7/044** (2013.01 - EP US);
B23B 2260/0445 (2013.01 - EP US); **B25D 2250/165** (2013.01 - EP US)

Citation (search report)

See references of WO 2007101735A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

DE 102006009922 A1 20070906; CN 101378870 A 20090304; EP 1993765 A1 20081126; US 2008296036 A1 20081204;
WO 2007101735 A1 20070913

DOCDB simple family (application)

DE 102006009922 A 20060303; CN 200780004063 A 20070115; EP 07703855 A 20070115; EP 2007050339 W 20070115;
US 9463607 A 20070115