

Title (en)

Hand tool with friction clutch

Title (de)

Handwerkzeuggerät mit Rutschkupplung

Title (fr)

Outil manuel doté d'un dispositif d'accouplement à patinage

Publication

EP 2011608 B1 20130417 (DE)

Application

EP 08104006 A 20080519

Priority

DE 102007000365 A 20070704

Abstract (en)

[origin: EP2011608A1] The tool has a drive unit (12), and a driven spindle (16) extendable along a rotational axis (A) of the driven spindle. A slip clutch (14) is arranged between the drive unit and the driven spindle for transmitting torque. The slip clutch includes a set of coupling bodies (24) engageable with a set of drive side receptacles (26) and a set of driven side receptacles (28), and a spring unit (34) for biasing the coupling bodies. The driven side receptacles are formed by recesses provided in the driven spindle and an opening with respect to the rotational axis in a radial direction.

IPC 8 full level

B25F 5/00 (2006.01); **B25D 16/00** (2006.01)

CPC (source: EP US)

B25D 16/003 (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **B25D 2211/006** (2013.01 - EP US); **B25D 2211/061** (2013.01 - EP US); **B25D 2216/0023** (2013.01 - EP US); **B25D 2250/165** (2013.01 - EP US); **B25D 2250/321** (2013.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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EP 08104006 A 20080519; CN 200810128101 A 20080702; DE 102007000365 A 20070704; JP 2008172916 A 20080702; US 21730508 A 20080702