

Title (en)
Hand tool with a slip clutch

Title (de)
Handwerkzeugmaschine mit Rutschkupplung

Title (fr)
Machine-outil manuelle dotée d'un dispositif d'accouplement à patinage

Publication
EP 1862265 A3 20130102 (DE)

Application
EP 07108136 A 20070514

Priority
DE 102006000252 A 20060530

Abstract (en)
[origin: EP1862265A2] The tool (4) has a drive sleeve (11) connected and positively driven with a control sleeve (14) by a ball (18) in a form-fit manner, where the control sleeve is coaxial to the drive sleeve. The ball is partly engaged in two oppositely arranged control contours (19a, 19b) of the drive sleeve and the control sleeve. The drive sleeve is axially displaced and twisted towards the control sleeve and is axially pre-stressed by a spring (13) during exceedance of marginal torsional moment.

IPC 8 full level
B25D 16/00 (2006.01)

CPC (source: EP US)
B25B 21/02 (2013.01 - EP US); **B25B 21/026** (2013.01 - EP US); **B25D 16/003** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2211/068** (2013.01 - EP US); **B25D 2216/0023** (2013.01 - EP US); **B25D 2217/0019** (2013.01 - EP US); **B25D 2250/045** (2013.01 - EP US); **B25D 2250/165** (2013.01 - EP US); **B25D 2250/321** (2013.01 - EP US)

Citation (search report)

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- [A] US 2006024141 A1 20060202 - SCHAD HANSPETER [CH]
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DE102010062014B3; WO2009109246A1; EP2457694A2; US8950508B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 07108136 A 20070514; DE 102006000252 A 20060530; US 80767707 A 20070529