

Title (en)
POWER TOOL HAVING CLUTCH DEVICE

Title (de)
WERKZEUGMASCHINE MIT KUPPLUNGSVORRICHTUNG

Title (fr)
MACHINE-OUTIL POURVUE D'UN DISPOSITIF D'EMBRAYAGE

Publication
EP 2291267 B1 20121024 (DE)

Application
EP 08874776 A 20081121

Priority
• EP 2008066000 W 20081121
• DE 102008002593 A 20080624

Abstract (en)
[origin: WO2009156003A1] The invention relates to a power tool, particularly an electrically driven hand power tool, having at least one tool drive shaft (22, 322) for directly or indirectly rotationally driving a tool insert. The insert tool is thereby received in a tool holder (16, 316) releasably, particularly interchangeably, connected to the tool drive shaft (22, 322), and can be driven by at least one drive device (14, 134), and at least one clutch device (44, 44a, 44b, 44c, 45, 344, 345) coupling the at least one drive device (14, 314) to the at least one tool drive shaft (22, 322). The clutch device (44, 44a, 44b, 44c, 45, 344, 345) comprises at least two different limit torques, preferably selectable by the user, wherein means (122', 322') are provided for resetting the clutch device (44, 44a, 44b, 44c, 45, 344, 345) to a lower, preferably the lowest possible, limit torque when the insert tool and/or the tool holder (16, 316) is changed out.

IPC 8 full level
B25F 5/00 (2006.01)

CPC (source: EP US)
B25D 16/003 (2013.01 - EP US); **B25F 5/001** (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2211/068** (2013.01 - EP US); **B25D 2216/0015** (2013.01 - EP US); **B25D 2216/0023** (2013.01 - EP US); **B25D 2250/165** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
DE 102008002593 A1 20091231; CN 102076466 A 20110525; EP 2291267 A1 20110309; EP 2291267 B1 20121024; RU 2011101776 A 20120727; US 2011139473 A1 20110616; US 8763722 B2 20140701; WO 2009156003 A1 20091230

DOCDB simple family (application)
DE 102008002593 A 20080624; CN 200880130000 A 20081121; EP 08874776 A 20081121; EP 2008066000 W 20081121; RU 2011101776 A 20081121; US 200813001271 A 20081121