

Title (en)
Hydraulically activated hand tool

Title (de)
Hydraulisch betätigbares Handwerkzeug

Title (fr)
Outil manuel actionné hydrauliquement

Publication
EP 2011605 A3 20140430 (DE)

Application
EP 08159378 A 20080701

Priority
DE 102007030644 A 20070702

Abstract (en)
[origin: EP2011605A2] The tool (1) has drive elements for driving a working head (2) provided in a body unit. A switching movement allows a powered movement of the working parts of the working head to be triggered. The working head is swivelably connected to the body unit in a rotary connection region. The rotary connection region includes an axis of rotation, where swivelling of the body unit relative to the working head about the axis of rotation allows a switchingover movement to be carried out with respect to the powered movement of the working part.

IPC 8 full level
B25D 9/08 (2006.01); **B21D 39/04** (2006.01); **B23D 29/00** (2006.01); **B25B 27/14** (2006.01); **B25D 9/12** (2006.01); **B25D 9/26** (2006.01); **H01R 43/042** (2006.01)

CPC (source: EP US)
B25D 9/12 (2013.01 - EP US); **B25D 9/26** (2013.01 - EP US); **H01R 43/0427** (2013.01 - EP US)

Citation (search report)

- [XA] US 6679340 B1 20040120 - TATAI TADASHI [JP]
- [A] US 5442992 A 19950822 - SANNER LANNY R [US], et al
- [A] US 6415641 B1 20020709 - WAGNER RUDOLF [DE]
- [A] US 6718870 B1 20040413 - FRENKEN EGBERT [DE]

Cited by
WO2017025379A1; US10888915B2; DE102012109255A1; WO2014049035A1; US10406586B2

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

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
EP 2011605 A2 20090107; EP 2011605 A3 20140430; EP 2011605 B1 20161221; AU 2008202895 A1 20090122; AU 2008202895 B2 20140403; CA 2635703 A1 20090102; CA 2635703 C 20161108; CN 101337349 A 20090107; CN 101337349 B 20120926; DE 102007030644 A1 20090108; ES 2615536 T3 20170607; PL 2011605 T3 20170531; US 2009008118 A1 20090108; US 8672054 B2 20140318

DOCDB simple family (application)
EP 08159378 A 20080701; AU 2008202895 A 20080701; CA 2635703 A 20080625; CN 200810131952 A 20080702; DE 102007030644 A 20070702; ES 08159378 T 20080701; PL 08159378 T 20080701; US 14718908 A 20080626