

Title (en)
Hand tool with decoupling arrangement

Title (de)
Handwerkzeuggerät mit Entkopplungsanordnung

Title (fr)
Outil à main doté d'un dispositif de découplage

Publication
EP 1882558 B1 20170104 (DE)

Application
EP 07112659 A 20070718

Priority
DE 102006000374 A 20060727

Abstract (en)
[origin: EP1882558A1] The hand machine tool has a housing (4) with a working medium (10), which moves to and fro during an operation along a work axle (A). The work axle is parallel to one direction. A handle (14) is held above a spring-mounted decoupling arrangement (16) at the housing, which has two bearing arrangements. The former bearing arrangement (20) is concerned with another direction (y), which is transverse to the work axle. The later bearing arrangement (18) has a coupling device (22), held over a housing-sided pivot bearing (28), and is tilted above a handle-side pivot bearing (32).

IPC 8 full level
B25D 17/04 (2006.01)

CPC (source: EP US)
B25D 17/043 (2013.01 - EP US); **B25D 2211/003** (2013.01 - EP US); **B25D 2222/57** (2013.01 - EP US); **B25D 2250/245** (2013.01 - EP US); **B25D 2250/371** (2013.01 - EP US)

Citation (examination)
WO 2007099132 A1 20070907 - BLACK & DECKER INC [US], et al

Cited by
GB24444401A; GB24444401B; EP2241409B1

Designated contracting state (EPC)
CH DE FR GB LI SE

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EP 1882558 A1 20080130; EP 1882558 B1 20170104; DE 102006000374 A1 20080131; JP 2008030193 A 20080214; JP 5426084 B2 20140226; US 2008022817 A1 20080131; US 7500527 B2 20090310

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EP 07112659 A 20070718; DE 102006000374 A 20060727; JP 2007195185 A 20070726; US 88163707 A 20070726