

Title (en)  
HAND-HELD MACHINE TOOL

Title (de)  
HANDWERKZEUGMASCHINE

Title (fr)  
MACHINE-OUTIL À MAIN

Publication  
**EP 2861383 B1 20170830 (DE)**

Application  
**EP 13725956 A 20130529**

Priority  
• DE 102012209919 A 20120613  
• EP 2013060998 W 20130529

Abstract (en)  
[origin: WO2013186045A1] A hand-held machine tool has an integrated tool or a tool holder (2) to receive a tool. An electric motor (5) drives the tool or the tool holder (2). A battery pack (18) for supplying power to the electric motor can be pushed into a guide (23) in a first direction. Electrical contacts are disposed in a contact holder (36) being offset with respect to each other in a second direction (26). A mounting (47) for the contact holder (36) holds the contact holder (36) so that it can move in the first direction (25) and in a third direction with respect to the mounting (47). The first direction (25), second direction (26) and third direction (28) are orthogonal to each other in pairs. A spring acts upon the contact holder with a force opposite to the first direction (25). An end face (38) oriented opposite to the first direction (25) is provided with a centring means (59) which cooperates with a centring support (60) on the battery pack (18) in order to prevent a relative movement between the end face (38) and the battery pack (18) in the third direction (28).

IPC 8 full level  
**B25F 5/02** (2006.01)

CPC (source: CN EP US)  
**B25F 5/00** (2013.01 - CN EP US); **B25F 5/006** (2013.01 - EP US); **B25F 5/02** (2013.01 - US); **H01R 13/631** (2013.01 - US)

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

DOCDB simple family (publication)  
**WO 2013186045 A1 20131219**; CN 104507644 A 20150408; CN 104507644 B 20170922; DE 102012209919 A1 20131219; EP 2861383 A1 20150422; EP 2861383 B1 20170830; JP 2015519213 A 20150709; JP 6236072 B2 20171122; US 2015132988 A1 20150514; US 9905966 B2 20180227

DOCDB simple family (application)  
**EP 2013060998 W 20130529**; CN 201380040064 A 20130529; DE 102012209919 A 20120613; EP 13725956 A 20130529; JP 2015516542 A 20130529; US 201314406500 A 20130529