

Title (en)
MODULAR POWER TOOL

Title (de)
MODULARES ELEKTROWERKZEUG

Title (fr)
OUTIL ÉLECTRIQUE MODULAIRE

Publication
EP 2539095 A1 20130102 (EN)

Application
EP 11746763 A 20110225

Priority
• AU 2010900809 A 20100225
• AU 2011000209 W 20110225

Abstract (en)
[origin: WO2011103636A1] The present invention provides a connection arrangement for releasably connecting an electrical device and a power control module, the electrical device including an electrically powered functional component, the power control module including a device for controlling the supply of electrical power to the functional component when the electrical device and the power control module are connected. The connection arrangement includes a first connecting portion associated with one of the electrical device or the power control module and configured to interengage with a second connecting portion associated with the other one of the electrical device and the power control module. The first connecting portion including a first locking member and the second connecting portion including a second locking member, wherein when the first and second connection portions are engaged the first and second locking members are movable relative to each other between an unlocked position in which the first and second connection portions are separable and a locked position in which the first and second connection portions are locked together. Preferably, the electrical device is a power tool module.

IPC 8 full level
B23B 45/02 (2006.01); **B23C 1/20** (2006.01); **B23D 51/10** (2006.01); **B25B 21/00** (2006.01); **B25D 11/06** (2006.01); **B25D 17/04** (2006.01); **B25G 3/00** (2006.01); **B25G 3/12** (2006.01); **B25G 3/38** (2006.01)

CPC (source: EP)
B23B 45/001 (2013.01); **B23D 51/01** (2013.01); **B25F 3/00** (2013.01); **B25F 5/02** (2013.01); **B27B 17/0008** (2013.01); **B25D 2211/062** (2013.01)

Citation (search report)
See references of WO 2011103636A1

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 2011103636 A1 20110901; AU 2011220338 A1 20121011; AU 2011220338 A2 20130117; CA 2828178 A1 20110901; CN 102858484 A 20130102; EP 2539095 A1 20130102; JP 2013520325 A 20130606

DOCDB simple family (application)
AU 2011000209 W 20110225; AU 2011220338 A 20110225; CA 2828178 A 20110225; CN 201180017166 A 20110225; EP 11746763 A 20110225; JP 2012554170 A 20110225