

Title (en)
Grinding device

Title (de)
Schleifgerät

Title (fr)
Meuleuse

Publication
EP 2425927 A3 20141119 (DE)

Application
EP 11178143 A 20110819

Priority
DE 102010044613 A 20100901

Abstract (en)
[origin: EP2425927A2] The grinder (10) has a housing (20), and a tool spindle supported in the housing for driving a tool (22) by a protective hood (24), which is locked at the housing. An actuator device is attached to the housing and fixed between positions, where the tool spindle is released in one of the positions and secured in the other position against twist. The protective hood is adjusted in an angular position at the housing. The protective hood is released from the housing in a third position, and a slider is biased into the former position by a biasing unit i.e. spring. The slider is made of plastic. The tool is designed as a grinding or cutting tool.

IPC 8 full level
B24B 23/02 (2006.01); **B23Q 11/00** (2006.01); **B23Q 11/06** (2006.01); **B24B 55/04** (2006.01); **B24B 55/05** (2006.01)

CPC (source: EP US)
B24B 23/022 (2013.01 - EP US); **B24B 55/04** (2013.01 - EP US); **B24B 55/05** (2013.01 - EP US)

Citation (search report)

- [IA] US 1089022 A 19140303 - THOMPSON JAMES M [US]
- [A] EP 0812657 A1 19971217 - ATLAS COPCO TOOLS AB [SE]
- [A] WO 2004087377 A1 20041014 - ATLAS COPCO TOOLS AB [SE], et al

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2425927 A2 20120307; **EP 2425927 A3 20141119**; **EP 2425927 B1 20171025**; CN 102380812 A 20120321; CN 102380812 B 20150916; DE 102010044613 A1 20120301; US 2012052779 A1 20120301; US 8961272 B2 20150224

DOCDB simple family (application)
EP 11178143 A 20110819; CN 201110256430 A 20110901; DE 102010044613 A 20100901; US 201113223653 A 20110901