

Title (en)
Tool for removing a cutting tool

Title (de)
Werkzeug zur Demontage eines Meißels

Title (fr)
Outil de démontage d'un burin

Publication
EP 2128381 B1 20170222 (DE)

Application
EP 09005840 A 20090427

Priority
DE 102008025071 A 20080526

Abstract (en)
[origin: EP2128381A2] The tool (10) has a base section (20.1) for accommodating an actuator (60), where the actuator has a sprouting thorn (65). The actuator is directly or indirectly coupled to a cylinder-piston system or at an electro-motor unit. The actuator is mounted at the base section around a pivoted bearing.

IPC 8 full level
E01C 19/00 (2006.01); **B25B 27/02** (2006.01); **E02F 9/28** (2006.01); **E21C 35/18** (2006.01); **E21C 35/19** (2006.01)

CPC (source: EP US)
B25B 27/023 (2013.01 - EP US); **B25B 27/026** (2013.01 - EP US); **E21C 35/188** (2020.05 - EP); **E21C 35/19** (2013.01 - EP US); **E02F 9/2891** (2013.01 - EP US); **E21C 35/188** (2020.05 - US); **Y10T 29/49822** (2015.01 - EP US); **Y10T 29/53704** (2015.01 - EP US); **Y10T 29/5383** (2015.01 - EP US); **Y10T 29/53909** (2015.01 - EP US)

Cited by
CN105437864A; CN107571008A; CN102049675A; CN112157418A

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 2128381 A2 20091202; EP 2128381 A3 20160427; EP 2128381 B1 20170222; AU 2009202063 A1 20091210; AU 2009202063 B2 20120705; CN 101590634 A 20091202; CN 101590634 B 20130227; CN 103072116 A 20130501; CN 103072116 B 20150415; CN 201439192 U 20100421; DE 102008025071 A1 20091203; JP 2009285827 A 20091210; JP 5124526 B2 20130123; RU 2009119847 A 20101127; RU 2432252 C2 20111027; US 2009293249 A1 20091203; US 2012198678 A1 20120809; US 2013000090 A1 20130103; US 8181322 B2 20120522; US 8286316 B2 20121016; US 9157320 B2 20151013

DOCDB simple family (application)
EP 09005840 A 20090427; AU 2009202063 A 20090526; CN 200910143788 A 20090526; CN 200920157355 U 20090526; CN 201310003971 A 20090526; DE 102008025071 A 20080526; JP 2009122645 A 20090521; RU 2009119847 A 20090525; US 201213449651 A 20120418; US 201213611735 A 20120912; US 45470809 A 20090521