

Title (en)
Pick holder and base section

Title (de)
Meißelhalter und Basisteil

Title (fr)
Porte-pic et élément de base

Publication
EP 2336488 A3 20160629 (DE)

Application
EP 10188978 A 20101027

Priority
DE 102009059188 A 20091217

Abstract (en)
[origin: EP2336488A2] The chisel holder (20) has a plug-in projection (21) and a holding projection (25), where the holding projection comprises a chisel receiver. The holding projection protrudes from or over the plug-in projection in tool feed direction (V). The holding projection has a rigid, molded support portion with a support surface. The support surface is arranged partially before the plug-in projection in the feed direction. An independent claim is also included for a base part with a plug receiver.

IPC 8 full level
E21C 35/193 (2006.01); **B28D 1/18** (2006.01); **E02F 9/28** (2006.01)

CPC (source: CN EP US)
B28D 1/188 (2013.01 - EP US); **E02F 9/2816** (2013.01 - EP US); **E02F 9/2858** (2013.01 - EP US); **E02F 9/2866** (2013.01 - EP US); **E21C 35/18** (2013.01 - CN); **E21C 35/191** (2020.05 - EP); **E21C 35/193** (2013.01 - EP US); **E21C 47/00** (2013.01 - CN); **E21C 47/02** (2013.01 - CN); **E21C 35/191** (2020.05 - US)

Citation (search report)

- [X] US 2009085396 A1 20090402 - CHIANG CHUN-LI [TW]
- [X] DE 102005017760 A1 20061019 - STEINBRECHER MICHAEL [DE]

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 2336488 A2 20110622; EP 2336488 A3 20160629; EP 2336488 B1 20190515; AU 2010246502 A1 20110707; AU 2010246502 B2 20121025; CA 2722823 A1 20110617; CA 2722823 C 20150113; CN 102102516 A 20110622; CN 102102516 B 20160831; CN 106089199 A 20161109; CN 106089199 B 20191001; CN 202081892 U 20111221; DE 102009059188 A1 20110622; JP 2011126002 A 20110630; JP 5425047 B2 20140226; KR 101388232 B1 20140425; KR 20110069719 A 20110623; RU 2457327 C1 20120727; TW 201124607 A 20110716; TW I470148 B 20150121; US 2011148178 A1 20110623; US 8746806 B2 20140610

DOCDB simple family (application)
EP 10188978 A 20101027; AU 2010246502 A 20101129; CA 2722823 A 20101129; CN 201010593558 A 20101217; CN 201020665737 U 20101217; CN 201610654431 A 20101217; DE 102009059188 A 20091217; JP 2010280126 A 20101216; KR 20100128425 A 20101215; RU 2010151782 A 20101216; TW 99144555 A 20101217; US 96075610 A 20101206