

Title (en)
Chisel tool

Title (de)
Meisselwerkzeug

Title (fr)
Outil de burinage

Publication
EP 2540451 A3 20160525 (DE)

Application
EP 12002865 A 20120424

Priority
DE 202011103209 U 20110629

Abstract (en)
[origin: EP2540451A2] The tool has a chisel head (1) comprising a chisel bit (5) at a free axial end of the chisel head and forming a bracket bit (7) to the chisel bit in an axially-displaced manner. The bracket bit is released by removal of tool material, and replaces a part of the chisel bit, where the removal of materials is decreased to tool wear. A reinforcing structure (8) runs adjacent to a transition region between the chisel bit and the bracket bit for reinforcing the chisel head. The reinforcing structure comprises two reinforcing parts (9a, 9b), which run axially and form additional bracket bits.

IPC 8 full level
B25D 17/02 (2006.01); **E21B 10/36** (2006.01)

CPC (source: EP)
B25D 17/02 (2013.01); **B25D 2250/285** (2013.01)

Citation (search report)

- [A] WO 9856527 A2 19981217 - JANITZKI BERNHARD M [MX]
- [A] DE 202004012846 U1 20041014 - WACKER CONSTRUCTION EQUIPMENT [DE]
- [XAI] DATABASE WPI Week 198322, 1983 Derwent World Patents Index; AN 1983-H3327K, XP002756451

Cited by
EP4382255A1; EP4137640A4; EP3928928A1; WO2024120950A1

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 2540451 A2 20130102; EP 2540451 A3 20160525; DE 202011103209 U1 20121123

DOCDB simple family (application)
EP 12002865 A 20120424; DE 202011103209 U 20110629