

Title (en)
Chisel

Title (de)
Meißel

Title (fr)
Burin

Publication
EP 2628572 A1 20130821 (DE)

Application
EP 13155007 A 20130213

Priority
DE 102012202300 A 20120215

Abstract (en)
The chisel (1) has a striking surface (4), a shank (8), a spreading element (12) and a tip (3) arranged successively along an axis (2), where the spreading element around the axis includes multiple ribs extending along the axis. The ribs include a wave shape formed with tangential deflection with respect to the axis. Amplitude of the deflection is less than width of the rib. Amplitude of deflection of sections of the rib extending in a circumferential direction is equal to amplitude of the deflection of sections of the rib extending contrary to the circumferential direction.

Abstract (de)
Der erfindungsgemäße Meißel 1 hat eine geringere Tendenz in einem Untergrund zu verklemmen. Der Meißel 1 hat auf einer Achse 2 in Schlagrichtung 7 aufeinanderfolgend eine Schlagfläche 4, einen Schaft 8, einen Spreizkörper 12 und eine Spitze 3. Der Spreizkörper 12 hat um die Achse 2 verteilt angeordnet mehrere längs der Achse 2 verlaufende Rippen 13, 45. Die Rippen 13 sind jeweils wellenförmig mit einer zu der Achse 2 tangentialen Auslenkung ausgebildet.

IPC 8 full level
B25D 17/02 (2006.01); **B25D 3/00** (2006.01)

CPC (source: EP RU US)
B25D 3/00 (2013.01 - EP US); **B25D 17/02** (2013.01 - EP US); **B25D 17/02** (2013.01 - RU); **B25D 2250/211** (2013.01 - EP US); **B25D 2250/305** (2013.01 - EP US)

Citation (search report)
• [A] WO 9740965 A1 19971106 - CORIMAG S R L [IT], et al
• [A] DE 2730596 A1 19780112 - HEITBRINK HERMANUS ANDREAS
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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 2628572 A1 20130821; **EP 2628572 B1 20160601**; AR 089953 A1 20141001; BR 102013003513 A2 20150616; CN 103252753 A 20130821; CN 103252753 B 20160810; DE 102012202300 A1 20130822; ES 2589279 T3 20161111; JP 2013166239 A 20130829; JP 6104628 B2 20170329; PL 2628572 T3 20161230; RU 2013106398 A 20140820; RU 2620526 C2 20170526; US 2013205603 A1 20130815; US 9221164 B2 20151229

DOCDB simple family (application)
EP 13155007 A 20130213; AR P130100411 A 20130208; BR 102013003513 A 20130215; CN 201310037374 A 20130131; DE 102012202300 A 20120215; ES 13155007 T 20130213; JP 2013025822 A 20130213; PL 13155007 T 20130213; RU 2013106398 A 20130214; US 201313768736 A 20130215