Title (en)
DRILLING TOOL

Title (de)
BOHRWERKZEUG

Title (fr)
OUTIL DE PERÇAGE

Publication
**EP 3229999 A1 20171018 (DE)**

Application
**EP 15777967 A 20151012**

Priority
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Abstract (en)
[origin: WO2016091431A1] The invention relates to a drilling tool, in particular a metal drilling tool, comprising at least one groove, in particular a spiral-shaped groove, which runs about an axis of the drilling tool, and comprising an end region with at least one end surface and at least one main cutting element, which is formed between at least one cutting surface of the groove and the at least one end surface. The at least one groove has at least one recess next to the end region, in particular adjacent to the end region, in particular the at least one end surface. According to the invention, the recess is formed in the at least one groove using a deformation method.

IPC 8 full level (invention and additional information)
**B23B 51/02** (2006.01); **B21H 3/10** (2006.01); **B21K 5/02** (2006.01); **B23P 15/32** (2006.01)

CPC (invention and additional information)
**B23B 51/02** (2013.01); **B21K 5/04** (2013.01); B23B 2251/406 (2013.01)

Citation (search report)
See references of WO 2016091431A1

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

EPO simple patent family
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INPADOC legal status

**2018-03-21** [DAV] REQUEST FOR VALIDATION OF THE EUROPEAN PATENT (IN ANY COUNTRY) (DELETED)

**2018-03-21** [DAX] REQUEST FOR EXTENSION OF THE EUROPEAN PATENT (TO ANY COUNTRY) (DELETED)

**2017-10-18** [17P] REQUEST FOR EXAMINATION FILED
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**2017-10-18** [AV] REQUEST FOR VALIDATION OF THE EUROPEAN PATENT IN:
- Countries : MA

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- Countries : BA ME