

Title (en)
DRILLING TOOL

Title (de)
BOHRWERKZEUG

Title (fr)
OUTIL DE PERÇAGE

Publication
EP 2828022 A1 20150128 (DE)

Application
EP 13712505 A 20130314

Priority
• DE 102012204491 A 20120321
• EP 2013055190 W 20130314

Abstract (en)
[origin: WO2013139668A1] In the case of a drilling tool (1), comprising a drilling stub (6), a cutting element attached to the drilling stub (6) and an attachment portion for attachment to a tool holder (3), wherein the attachment portion is divided into at least one guiding region and a locking region, on the locking region there is formed at least one interlocking geometry (17) protruding in an axial direction beyond the rest of the locking region, in particular a bulge (18), for transmitting a torque from the tool holder (3) to the drilling tool (1), and the at least one interlocking geometry (17) has two abutting surfaces respectively in the tangential direction, it is intended that, when a torque is transmitted from the tool holder (3) to the drilling tool (1), substantially no axial compressive forces ejecting the drilling tool (1) from the tool holder (3) are transmitted to the drilling tool (1). This object is achieved by a first of the two abutting surfaces being formed substantially parallel to a longitudinal axis of the drilling tool (1) and the first abutting surface serving for the transmission of the torque.

IPC 8 full level
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Citation (search report)
See references of WO 2013139668A1

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