

Title (en)
METHOD AND DRILLING APPARATUS FOR DRILLING

Title (de)
VERFAHREN UND BOHRVORRICHTUNG ZUM BOHREN

Title (fr)
PROCÉDÉ ET APPAREIL DE FORAGE

Publication
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Application
EP 09769412 A 20090610

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Abstract (en)
[origin: WO2009156569A1] The invention relates to a method for drilling and a drilling apparatus operating according to the method. The drilling apparatus have a drilling device (1) that, comprises a casing part (2) and an drilling unit (3), in the drilling head (1) of which there are first drilling means (4) for drilling a center hole and second drilling means (5) for reaming of the center hole for the casing part (2). During the drilling situation the first drilling means (4) are coupled power- transmittedly and in order to enable removal of the same from a hole removably with the second drilling means (5). The first drilling means (4) driving the second drilling means (5) during the drilling situation and the second drilling means (5), being rotatable in respect with the casing part (2) that is to be drawn into the hole to be drilled without a rotative motion thereof, are coupled with each other immovably for a cooperating rotating motion (w4), feeding motion (z4) and/or hammering motion (t4) thereof by means of a coupling mechanism (X) that is movable into a locking position (XI) and a releasing position (XII).

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CPC (source: EP)
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Citation (search report)
• [X] EP 0028121 A1 19810506 - FLETCHER FREDERICK [GB], et al
• [A] JP 2006299591 A 20061102 - MITSUBISHI MATERIALS NATURAL R
• [A] WO 0026498 A1 20000511 - DHT TECHNOLOGIES LIMITED [AU], et al
• See references of WO 2009156569A1

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