

Title (en)
METHOD FOR PUTTING TOGETHER OF A DRILLING DEVICE AND DRILLING DEVICE

Title (de)
VERFAHREN ZUR ZUSAMMENSETZUNG EINER BOHRVORRICHTUNG UND BOHRVORRICHTUNG

Title (fr)
PROCÉDÉ D'ASSEMBLAGE D'UN DISPOSITIF DE FORAGE ET DISPOSITIF DE FORAGE

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Application
EP 14849079 A 20140820

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Abstract (en)
[origin: WO2015044508A1] The invention relates first of all to a method for putting together of a drilling device, which drilling device is meant to be used in a down-the-hole apparatus, by means of which a hole is being drilled by using the drilling device (1) and a casing part (2). The drilling device (1) comprises in its drilling head (I) a drilling arrangement, such as first drilling means (4) for drilling a center hole and second drilling means (5) for reaming the center hole for the casing part (2), wherein the essentially rotationally symmetrical drilling means (4, 5) are coupled with each other on the first hand in a power transmitting manner and on the other hand removably in order to enable removal of the first drilling means (4) from a drilled hole. The casing part (2) is arranged to be pulled into the hole to be drilled by a power influence directed thereto from the drilling device (1) by means of a shoulder arrangement (L) between the same and the drilling device (1). A separate sleeve arrangement (V) is being used in longitudinal direction (s) between counterpart shoulders (x, y), forming the said shoulder arrangement (L) and being directed when viewed in radial direction (r) in opposite directions, in order to minimize mutual wear of the said counterpart shoulders (x, y) and/or kinetic energy, such as hammering motion, being transmitted by the same. The invention also relates to a drilling device implemented according to the method.

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Citation (search report)
• [XI] WO 2010071563 A1 20100624 - SANDVIK INTELLECTUAL PROPERTY [SE], et al
• See references of WO 2015044508A1

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