

Title (en)

METHOD FOR MANIPULATING RODLIKE PIECES, CENTRALIZER AND ROCK DRILLING UNIT

Title (de)

VERFAHREN ZUR MANIPULATION VON STABARTIGEN TEILEN, ZENTRIERER UND GESTEINSBOHRER

Title (fr)

PROCÉDÉ DE MANIPULATION DE PIÈCES EN FORME DE TIGE, CENTREUR ET UNITÉ DE FORAGE DE ROCHES

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Application

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Abstract (en)

[origin: WO2010092236A1] The invention relates to a method for manipulating drill rods, to a centralizer and to a rock drilling unit. It is possible to introduce rods (9, 18) into the centre (K) of a rock drilling unit (4) or a bolting device by means of a changing device (13), and to remove from the centre. The rod locating in the centre is supported by a centralizer (16), through the central opening (20) of which the rod is arranged. The centralizer comprises a closing element (22) which is opened and closed in accordance with the operation of the changing device. The turning of the changing device affects a push rod (25) which releases the shape-locking of the closing element and transfers it to the open position. When the changing device is turned back to the normal position, a force member (26) returns the push rod to the normal position and simultaneously the closing element is shape-locked again. In the closed position the closing element is rigidly shape locked.

IPC 8 full level

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CPC (source: EP FI)

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Citation (search report)

- [XAI] CA 1310629 C 19921124 - TAMPELLA OY AB [FI]
- [XAI] US 5988298 A 19991123 - CHENG EUGENE Y T [US], et al
- [XAI] GB 2082494 A 19820310 - TAMPELLA OY AB
- See references of WO 2010092236A1

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