

Title (en)

ROD MAGAZINE SYSTEM AND METHOD

Title (de)

STANGENMAGAZINSYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE CHARGEUR DE TIGES

Publication

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Application

EP 15839451 A 20150910

Priority

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Abstract (en)

[origin: WO2016038252A1] A rod magazine system is presented, which comprises a substantially cylindrical rod magazine (110) for storing a plurality of rods (104) on different circumferences in the direction of the longitudinal axis (116) of the rod magazine (110), wherein: the rod magazine (110) is arranged to rotate around its longitudinal axis (116), and the rod magazine (110) is arranged to be attached to a three-dimensionally turning feed beam (102) of a boring machine; on its sides, the rod magazine (110) comprises a plurality of rod slots (112) extending towards the longitudinal axis (116) of the rod magazine (110), each of which is arranged to receive a plurality of rods (104) in such a manner that the rods (104) are stored parallel to the longitudinal axis (116) of the rod magazine (110) on a plurality of circumferences with different radii as seen from the longitudinal axis (116); wherein the inner length of the rod magazine (110) substantially corresponds to the length of one rod (104) being stored, whereby the stored rods (104) cannot essentially move in the longitudinal direction; and wherein the rod magazine system (110) comprises a locking member (114) which allows the rods to push into the rod slot (112) but prevents the unintentional falling of the stored rods (104) out of the rod slot (112).

IPC 8 full level

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CPC (source: EP)

E21B 19/146 (2013.01); **E21B 19/20** (2013.01)

Citation (search report)

- [XYI] WO 2011126362 A1 20111013 - JEAN HEYBROEK B V [NL], et al
- [I] SE 469186 B 19930524 - ATLAS COPCO CONSTR & MINING [SE]
- [Y] US 5174389 A 19921229 - HANSEN JAMES E [US]
- [Y] US 2013037324 A1 20130214 - MILIVOJEVIC MISEL [SE], et al
- See references of WO 2016038252A1

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