

Title (en)

METHOD AND DEVICE FOR CONTROLLING THE DRILLING DIRECTION OF A ROCK DRILLING RIG

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG DER BOHRRICHTUNG EINES GESTEINSBOHRGERÄTS

Title (fr)

PROCÉDÉ ET DISPOSITIF PERMETTANT DE COMMANDER LA DIRECTION DE FORAGE D'UN APPAREIL DE FORAGE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007100284A1] The present invention relates to a rock-drilling rig comprising at least one boom having a first end and a second end and a drilling machine arranged at said boom, wherein said first end is attached to a carrier, and wherein said drilling machine is attached to said other end by means of a first joint means and a second joint means, wherein said joint means are arranged to be manoeuvred by an operator by means of control means for controlling the drilling direction of said drilling machine, The rock-drilling rig comprises means for determining a rotation of said second joint means on the basis of the rotation position of said first joint means in such a manner that the influence of said joint means on the movement of said drilling machine corresponds to a direction indicated by the operator using said control means. The invention also relates to a device and a method.

IPC 8 full level

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Citation (opposition)

Opponent : Sandvik Mining and Construction Oy

- US 4514796 A 19850430 - SAULTERS JOHN D [CA], et al
- US 3721304 A 19730320 - HANSON L
- US 4267892 A 19810519 - MAYER JAMES R
- US 6896072 B2 20050524 - MACDONALD CLAUDE [CA]
- US 4364540 A 19821221 - MONTABERT ROGER
- US 5937952 A 19990817 - BIGONEY PAUL R [US]
- US 4799556 A 19890124 - FOSTER BRUCE A [GB], et al
- GB 2156714 B 19871216 - BOART
- US 4290491 A 19810922 - MAYER JAMES R
- EP 0434652 A1 19910626 - ATLAS COPCO CONSTR & MINING [SE]

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DOCDB simple family (publication)

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