

Title (en)

METHOD AND DEVICE FOR DRILLING A HOLE AND FOR SECURING AN ANCHORAGE IN A BORE HOLE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BOHREN EINES LOCHES UND ZUM FESTLEGEN EINER VERANKERUNG IN EINEM BOHRLOCH

Title (fr)

PROCEDE ET DISPOSITIF DE FORAGE D'UN TROU ET DE FIXATION D'UN ANCRAGE DANS UN TROU DE FORAGE

Publication

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Application

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Priority

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- AT 5372002 A 20020405

Abstract (en)

[origin: WO02088523A1] The invention relates to a method and a device for the drilling, in particular the percussive or percussive rotary drilling of a hole (7) in earth or rock and for securing an anchorage in said hole. According to the invention, a bore hole (7) is created by a drill bit (1) mounted on a drill pipe (5) and a sliding sleeve (4) that surrounds the drill pipe (5) at a distance is simultaneously introduced. The invention is characterised in that a sliding sleeve (4) configured with a longitudinal slit (8) is introduced at least partially and rests substantially against the bore hole (7) during the drilling, whereby a reliable anchorage can be achieved with a simple construction by means of the sliding sleeve (4) with a longitudinal slit.

IPC 8 full level

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Citation (opposition)

Opponent :

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- WO 9637680 A1 19961128 - SHELL INT RESEARCH [NL], et al
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