

Title (en)
HYDRAULIC ROTARY PERCUSSIVE DEVICE OF THE DRILL TYPE

Title (de)
HYDRAULISCHE DREH SchlagVORRICHTUNG EINES BOHRERS

Title (fr)
APPAREIL ROTOPERCUTANT HYDRAULIQUE DU TYPE PERFORATRICE

Publication
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Application
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Priority

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Abstract (en)
[origin: WO2007147979A1] The invention relates to a hydraulic rotary percussive device of the drill type, intended for drilling boreholes, comprising: a striking mechanism equipped with a piston (5) which is able to move translationally along a striking axis and is intended to strike a tool (10); a hydraulic motor (2) which rotates the tool (10) about an axis of rotation, the axis of rotation of the motor (2) being substantially coincident with the striking axis of the piston (5), characterized in that it comprises a support-forming casing (1), the striking mechanism being hydraulic and having a longitudinal body (4) rotatably mounted in the casing (1) about the axis of the body (4), the body (4) being rotated directly by the motor and coupled to the tool (10).

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