

A B S T R A C T

A DRILLING MACHINE HAVING AN ANCHOR DEVICE ENABLING THE
DRILLING MODULE TO BE MOVED HORIZONTALLY IN THE ANCHORED
5 POSITION

The invention relates to a drilling machine (10) for
drilling ground (S) in a vertical drilling direction (F),
the machine comprising:

10 an anchor module (30) having a front face (32) and a
rear face (34), the anchor module comprising at least one
anchor device (40) having at least one front anchor pad
(42) and at least one rear anchor pad (44) that are
deployable in a deployment direction (D1) extending
15 transversely to the longitudinal direction (L) of the
drilling machine (10) so as to bear against walls (P1,
P2) of the excavation (E) in order to hold the anchor
module (30) stationary in the ground.

The anchor module (40) further comprises:

20 a frame (70) carrying the front and rear anchor pads
(32, 34), the frame (70) supporting the drilling module
(50); and

an actuator device to which the front and rear
anchor pads (34) are fastened, the actuator device being
25 movable relative to the frame (70) in a movement
direction (D2) that extends transversely to the
longitudinal direction;

whereby the frame (70) of the anchor module together
with the drilling module (50) are movable relative to the
30 assembly constituted by the front anchor pad (42), the
rear anchor pad (44), and the actuator device (72) in the
movement direction.

Figure 2