

Title (en)
TUNNEL-BORING MACHINE

Title (de)
TUNNELBOHRMASCHINE

Title (fr)
MACHINE A PERCER DES TUNNELS

Publication
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Application
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Priority
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Abstract (en)
[origin: DE19722000A1] The invention relates to a tunnel-boring machine (100) for driving a tunnel bore optionally in open or shielded mode. The inventive tunnel-boring machine comprises a shield tail (33), said shield tail being connected to a bore head (10) and optionally covering the bore walling over a set length, a bracing device which can optionally be fixed in the tunnel bore, an advancement device (25) which can be operated optionally, said advancement device resting on said bracing device (25) and acting on the bore head (10), and a device for generating power (35) which has a variable length, rests on a tubbing (32) and acts on the bore head (10) and which can also be operated optionally. An inner kelly (16) is provided for introducing the driving forces into the bore head (10) during open mode, said kelly being moveable in the direction of boring in relation to the bracing device (20). The advancement device (25) is linked to the kelly and the bore head (10) is supported at the working end of said kelly.

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Cited by
CN109281675A; CN107448206A; US6926368B2; WO0248506A3

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