

Title (en)  
A BORING MACHINE

Title (de)  
BOHRMASCHINE

Title (fr)  
ALÉSEUSE

Publication  
**EP 4298318 A1 20240103 (EN)**

Application  
**EP 22707262 A 20220222**

Priority  
• NL 2027629 A 20210223  
• NL 2022050092 W 20220222

Abstract (en)  
[origin: WO2022182228A1] A boring machine (1) for boring a hole in the earth comprises a cutter head (2), a cutter head support (3) and a rear part (6) which is provided with movable rear part grippers (7) for temporarily fixing the rear part with respect to its surroundings. The cutter head is rotatable with respect to the cutter head support about an axis of rotation (4). The cutter head support and the rear part are coupled to each other by a thrust mechanism (8) and a hinge (9) including a single pivot point. The hinge is translatable along an axis of translation (14) which extends through the pivot point and has at least a component that coincides with the axis of rotation. The thrust mechanism drivably engages at least one of the cutter head support and the rear part at a distance from the axis of rotation and the axis of translation.

IPC 8 full level  
**E21D 9/10** (2006.01)

CPC (source: EP)  
**E21D 9/1093** (2013.01)

Citation (search report)  
See references of WO 2022182228A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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