

Title (en)

DRIVE DEVICE FOR A DIAPHRAGM WALL CUTTER

Title (de)

ANTRIEBSEINRICHTUNG FÜR EINE SCHLITZWANDFRÄSE

Title (fr)

DISPOSITIF D'ENTRAÎNEMENT POUR UNE FRAISE DE RIDEAU SOUTERRAIN

Publication

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Application

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Abstract (en)

[origin: CN113646552A] The invention relates to a drive device for a diaphragm wall cutter (1), with a hydraulic motor (8), a gear unit (9), to which at least one cutting wheel (3) of the diaphragm wall cutter can be connected on the output side, and a drive shaft (12) which connects the hydraulic motor to the gear unit, wherein the drive shaft is mounted by way of at least one drive shaft bearing (25) which is arranged between the hydraulic motor and the gear unit, wherein the drive shaft bearing has a lubricant feed line (14) which is connected to a leakage discharge line of the hydraulic motor and/or to the hydraulic circuit in order to operate the hydraulic motor, and is configured to lubricate the drive shaft bearing with hydraulic oil.

IPC 8 full level

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