

Title (en)

DRILLING MACHINE COMPRISING AN AUGER AND DEVICE FOR CLEANING THE AUGER

Title (de)

BOHRMASCHINE MIT EINER SCHNECKE UND VORRICHTUNG ZUM REINIGEN DER SCHNECKE

Title (fr)

MACHINE DE FORAGE COMPRENANT UNE TARIÈRE ET UN DISPOSITIF DE NETTOYAGE DE LA TARIÈRE

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Application

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Abstract (en)

[origin: WO2018109356A1] The invention relates to a drilling machine (10) comprising: a mast (12); an auger (14); a cleaning device (20) for cleaning the auger (14), comprising a carriage (22) mounted on the mast (12) such as to be able to slide in the longitudinal direction (L) of the mast (12), the carriage comprising a body (24) surrounding the auger and a rotary scraper (40), the scraper extending between a lower turn (18a) and an upper turn (18b) of the auger. The invention is characterized in that the drilling machine (10) comprises a measurement member (50) for determining the movement (ΔZ_t) of the carriage (22) along the mast (12) with respect to an initial position (Z0), and the cleaning device (20) comprises a device (54) for regulating the rotational speed (ω) of the scraper (40) according to the said movement (ΔZ_t) of the carriage.

IPC 8 full level

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