

Title (en)

DEVICE FOR CLEARING A HELICAL GAP BETWEEN TURNS OF AN AUGER AND METHOD FOR PRODUCING A BOREHOLE

Title (de)

VORRICHTUNG ZUM RÄUMEN EINES WENDELZWISCHENRAUMES EINER BOHRSCHNECKE UND VERFAHREN ZUM ERSTELLEN EINER BOHRUNG

Title (fr)

DISPOSITIF DE DÉGAGEMENT D'UN ESPACE INTERMÉDIAIRE HÉLICOÏDAL D'UNE TARIÈRE ET PROCÉDÉ POUR CRÉER UN ALÉSAGE

Publication

**EP 3951128 B1 20230607 (DE)**

Application

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Priority

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Abstract (en)

[origin: WO2022028955A1] The invention relates to a device for cleaning a spiral space of an auger, having a holder for holding the device on a mast of a drill, a guide tube which partially encloses the auger and is mounted on the holder, and a cleaning element which engages in the spiral space and is mounted on the holder so as to be freely rotatable about the drilling axis. According to the invention, provision is made that the guide tube is mounted on the holder so as to be freely rotatable about the drilling axis, that the cleaning element is fixedly attached to the rotatably mounted guide tube, that, for cleaning, the guide tube is axially fixed in the direction of the drilling axis, and that, by way of an auger pulling operation, the cleaning element with the guide tube is able to be set in rotation about the drilling axis in order to clean the auger. Furthermore, the invention relates to a method for producing a drilled hole in the ground using a drill, wherein the device according to the invention is used.

IPC 8 full level

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