

Title (en)  
A CUTTER HEAD FOR A DRILL CUTTER WITH SUCTION FUNCTION

Title (de)  
FRÄSKOPF FÜR EINEN BOHRFRÄSER MIT SAUGFUNKTION

Title (fr)  
TÊTE DE COUPE POUR FRAISE DE PERÇAGE AVEC FONCTION D'ASPIRATION

Publication  
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Application  
**EP 20710631 A 20200228**

Priority  
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Abstract (en)  
[origin: WO2021172978A1] The invention relates to a cutter head (1) for removing a mixture comprising water and solid materials from a water bottom, said cutter head being rotatable around a rotation axis (6), said cutter head comprising blades (2, 3, 4, 5) helically placed around the rotation axis with a leading edge (7) at a position directed away from said rotation axis, for collecting and transporting said mixture. The blades extend from a central axis positioned near the rotation axis towards the leading edge for providing a substantially continuous transport route towards a tube (8) connected to said cutter head, such that said mixture is transported between a first side of a first blade part and an opposite side of an adjacent second blade part towards the tube connected to said cutter head. A preferred embodiment comprises a method for using the cutter head according to the invention.

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See references of WO 2021172978A1

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