

ABSTRACT

Method for working through ground and rock layers with dredgers or excavators and apparatuses operating according to this method

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This invention relates to a method and a device for dredging under water ground layers using a dredging device with a mechanical dredging component, wherein a part of the mechanical dredging component is brought into contact with the ground layers to exert a dredging action to the ground layers and water jets are injected in the area where the mechanical dredging component is active, wherein the dredging action of the dredging component and the injection of the water jets are carried out simultaneously and the water jets are injected at a pressure of at least 20 bar at the position of, through and/or behind the mechanical dredging component and at a pressure of at least 50 bar in front of the mechanical dredging component.

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Figure 1.



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