Title (en)
DREDGING VESSEL AND METHOD FOR LOADING A DREDGING VESSEL WITH DREDGED MATERIAL

Title (de)
BAGGERSCHIFF UND VERFAHREN ZUM LADEN EINES BAGGERSCHIFFS MIT BAGGERMATERIAL.

Title (fr)
BATEAU-DRAGUE ET PROCÉDÉ POUR CHARGER UN BATEAU-DRAGUE AVEC DU MATÉRIEL DE DRAGAGE.

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Abstract (en)
[origin: WO2010122093A1] The invention relates to a method for loading a dredging vessel (1) with dredged material in a hold (2) provided for this purpose and having a height-adjustable overflow (10). In the method a dredged material/water mixture is carried via an inlet (3) into the hold (2), wherein the mixture forms a settled layer (20) therein due to settling of the heavier dredged material particles. The height position of the overflow (10) above the settled layer (20) is adjusted subject to a value of a control parameter measured during filling of the hold (2), in particular the average horizontal velocity of the non-settled dredged material/water mixture above the settled layer (20) between the inlet (3) and the overflow (10). The quality of the dredged mixture can be better controlled using the invented method. The invention likewise relates to a dredging vessel particularly equipped for performing the invented method.

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