Title (en)

DRAG HEAD FOR A TRAILING SUCTION HOPPER DREDGER AND METHOD FOR DREDGING USING THIS DRAG HEAD

Title (de)

SAUGKOPF FÜR EINEN LADERAUMSAUGBAGGER UND BAGGERVERFAHREN MITTELS DIESES SAUGKOPFES

Title (fr)

TÊTE DE TRAÎNAGE POUR UNE DRAGUE ASPIRATRICE REMORQUÉE ET PROCÉDÉ POUR DRAGUER À L AIDE DE CETTE TÊTE DE TRAÎNAGE

Publication

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Application

EP 09815688 A 20090924

Priority

• EP 2009062388 W 20090924
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Abstract (en)

[origin: WO2010034775A1] The invention relates to a drag head (1) of a trailing suction hopper dredger. The drag head comprises a visor (2) which is dragged over the bottom and herein loosens soil, and a suction pipe (3) which is connected to the visor (2) and which discharges the loosened soil. The visor (2) comprises at least two individually movable pressure elements (21, 22, 23, 24) transversely of the dragging direction which comprise a number of substantially disc-shaped penetrating bodies (51, 52, 53, 54). The penetrating bodies transmit forces to the bottom via their peripheral edge under the influence of the weight of the pressure element in which they are received, whereby the bottom is broken. The drag head has an improved efficiency.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2010034775A1

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