

Title (en)
TRAILING SUCTION HOPPER DREDGER HAVING A RECYCLE SYSTEM FOR EFFLUENT AND METHOD FOR SUCTION DREDGING

Title (de)
LADERAUMSAUGBAGGER MIT EINEM RÜCKFÜHRUNGSSYSTEM FÜR ABWASSER UND VERFAHREN ZUM ABSAUGEN

Title (fr)
DRAGUE À TRÉMIE À ASPIRATION ARRIÈRE DOTÉE D'UN SYSTÈME DE RECYCLAGE POUR EFFLUENT ET PROCÉDÉ DE DRAGAGE PAR ASPIRATION

Publication
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Application
EP 18740330 A 20180621

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• NL 2018050398 W 20180621

Abstract (en)
[origin: WO2018236213A2] Trailing suction hopper dredger, comprising a hopper and a suction pipe extending from the hopper, wherein a suction head is provided at an end of the suction pipe, and an outlet at an opposite end for disposing dredging sludge into the hopper. At least one jet pipe is connected to the suction head for jetting water into a suction chamber of the suction head through at least one jet and a recycle line is provided between the hopper and the suction head for feeding effluent from the hopper to the suction head. The recycle line has at least one outlet at side of, preferably at opposite sides outside the suction chamber, such that effluent flowing out of the said outlet is sucked into the said suction chamber and/or at least one outlet, opening into the suction chamber of the suction head, near a trailing end of the suction head.

IPC 8 full level
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