

Title (en)
Suction dredger

Title (de)
Saugbagger

Title (fr)
Drague aspiratrice

Publication
EP 2184408 A1 20100512 (EN)

Application
EP 09174956 A 20091103

Priority
• EP 08168527 A 20081106
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Abstract (en)
The invention concerns a suction dredger (19) comprising a hold (18) for holding a load such as sand, shingle or similar, a crane (3) for moving the load from the hold (18) onto an unloading belt (24) along the hold, a base (13) located at a forward position on the suction dredger, a distribution belt (9) supported on the base and swivable extending over a length that is longer than the width of the suction dredger and a lifting belt (10) for moving the load from the unloading belt (24) to above the base and the distribution belt (9). In accordance with the invention during use the lifting belt (10) is located in the centreline of the suction dredger (19) and is designed such that the distribution belt (9) can swivel at both sides of the suction dredger (19) backwards to a position partly under the lifting belt (10).

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Citation (search report)
• [X] JP 2001122188 A 20010508 - BMH MARINE AB
• [XA] DE 1044711 B 19581120 - LAUCHHAMMER MASCHB UND STAHLBA
• [A] US 3228539 A 19660111 - PAUL BECKER
• [A] US 1942839 A 19340109 - SHEAL ROBERT E, et al
• [A] US 5049021 A 19910917 - POLE CHARLES D [CA], et al
• [A] NL 7706664 A 19781219 - INT HANDLING EUROPA B V
• [A] EP 0404273 A1 19901227 - NAGRON HANDLING ENGINEERS B V [NL]

Cited by
CN113062390A; RU2486341C2

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