

Title (en)

Self-propelled machine for separating solid or fibrous deposits from sands and the like, specifically designed for cleaning beach sands.

Title (de)

Selbstfahrende Vorrichtung zum Ausscheiden von Fremdkörpern aus Sand, insbesondere Badesand-Reinigungsmaschine.

Title (fr)

Véhicule automobile pour séparer le sable de corps étranger, notamment dispositif pour le nettoyage de plages de sable.

Publication

EP 0314853 A1 19890510 (EN)

Application

EP 87830392 A 19871106

Priority

EP 87830392 A 19871106

Abstract (en)

The machine essentially comprises a front device (4) for collecting loose material to be cleaned and for conveying it to a screening apparatus (12), which is adapted for separating the deposits from the loose material and discharging the cleaned material on the ground and the deposits into a collecting vessel (17), the machine being further provided with a device (23) for levelling the discharged material and a device (19-21) for emptying the collecting vessel (17).

IPC 1-7

B07B 1/24; **E01H 12/00**

IPC 8 full level

B07B 1/24 (2006.01); **E01H 12/00** (2006.01)

CPC (source: EP)

B07B 1/24 (2013.01); **E01H 12/00** (2013.01)

Citation (search report)

- [X] DE 3606373 A1 19871015 - BRITSCH WALTER
- [Y] DE 2446939 A1 19760422 - MAIKE WANCK KULTURBAU
- [Y] FR 2164104 A5 19730727 - BRIAIS PAUL
- [Y] US 4167975 A 19790918 - FAHRENHOLZ HARLEY D
- [Y] US 4282090 A 19810804 - HOERNSCHEMEYER AUGUST B, et al
- [X] DE 3147648 A1 19830609 - HOLITSCHKE GUENTER
- [A] FR 1424630 A 19660114 - SERVICE DU GENIE RURAL DE L HE

Cited by

FR2708827A1; DE10044014C2; DE4020156A1; EP0461893A3; CN111139783A; FR2664922A1; ES2076846A1; US10456883B2; US11697126B2; US11253967B2; WO2016051342A1; US10067495B2; US10078320B2; US10788804B2; US10795333B2; US10556356B2; US11537099B2

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