

Title (en)

Process and apparatus for the cleaning of sand

Title (de)

Verfahren und Vorrichtung zur Sandreinigung

Title (fr)

Procédé et dispositif pour le nettoyage de sable

Publication

**EP 1108816 A3 20030502 (DE)**

Application

**EP 00127157 A 20001212**

Priority

- DE 19960209 A 19991214
- DE 29921991 U 19991214

Abstract (en)

[origin: EP1108816A2] The method involves using a mobile sand cleaning device with a frame carrying an adjustable sand elevator (60) with a continuous circulating conveyor with conveying elements. The raising and lowering of the elevator is detected by a sensor (S1) whose signals pass to a signal processor (100) that derives data for internal processing and the computation of the quantity of sand cleaned over a defined period.. Independent claims are also included for the following: a mobile sand cleaning device.

IPC 1-7

**E01H 12/00**

IPC 8 full level

**E01H 12/00** (2006.01)

CPC (source: EP)

**E01H 12/00** (2013.01)

Citation (search report)

- [Y] DE 19903190 A1 19990729 - EICHHAMMER THOMAS [DE]
- [Y] DE 3627015 A1 19880211 - KRUPP GMBH [DE]
- [A] US 4034490 A 19770712 - TEACH TED L
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 060 (M - 364) 16 March 1985 (1985-03-16)
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 022 (M - 354) 30 January 1985 (1985-01-30)

Cited by

EP3825468A1; DE102019217807A1; EP4212671A3; DE102012109947A1; EP4001508A1; DE102020130206A1; EP4212671A2; DE102022100698A1

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