

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

Designated contracting state (EPC)

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