

Title (en)

Storage container for bulk material, and use of a storage container of this type

Title (de)

Vorratbehälter für ein Schüttgut und Verwendung eines derartigen Vorratbehälters

Title (fr)

Réceptient de stockage pour produits en vrac, et utilisation d'un réceptient de stockage de ce type

Publication

EP 1346928 A1 20030924 (EN)

Application

EP 03075814 A 20030320

Priority

NL 1020211 A 20020320

Abstract (en)

The invention relates to a storage container for bulk material (7), such as a silo (1). The storage container comprises a drainage device with a drainage system (9,13) provided at the bottom of the storage container. The drainage device also comprises suction means (17) which are connected to the drainage system for generating a pressure reduction in the drainage system (9,13). These suction means can be switched on and off at predetermined times using a time control. The suction means are designed to generate a pressure reduction of at least approximately 5 mbar, more particularly a pressure reduction in the range from 10 to 300 mbar. The bulk material (7) is in particular flue gas desulphurization gypsum. The invention also relates to the use of a storage container according to the invention for storing bulk material and/or for drying the bulk material in the storage container and/or drying a material in the storage container to form a bulk material. <IMAGE>

IPC 1-7

B65D 88/74; **F26B 5/12**

IPC 8 full level

B65D 88/74 (2006.01); **F26B 5/12** (2006.01)

CPC (source: EP)

B65D 88/747 (2013.01); **F26B 5/12** (2013.01)

Citation (search report)

- [X] EP 0126599 A2 19841128 - SYKES PUMPS LTD [GB]
- [X] GB 1503681 A 19780315 - MITSUBISHI HEAVY IND LTD [JP], et al
- [XY] EP 0775512 A1 19970528 - HOLLANDSCHE BETONGROEP NV [NL]
- [Y] EP 0742037 A2 19961113 - MITSUBISHI HEAVY IND LTD [JP]
- [A] US 2560141 A 19510710 - TIPPS JAMES F
- [A] US 4207684 A 19800617 - STICE J DANIEL [US]
- [A] DE 2103961 A1 19720817

Cited by

CN109627742A

Designated contracting state (EPC)

DE ES FR NL

DOCDB simple family (publication)

EP 1346928 A1 20030924; NL 1020211 A1 20030923; NL 1020211 C2 20030929

DOCDB simple family (application)

EP 03075814 A 20030320; NL 1020211 A 20020320