

Title (en)

Silo for granular material for storing and consequent metered dispensing into one or several transport vehicles

Title (de)

Silo für körniges Material zum Lagern und nachfolgendem dosierten Abgeben in ein oder mehrere Transportfahrzeuge

Title (fr)

Silo pour matériau en grain destiné au stockage et à la distribution dosée dans un ou plusieurs véhicules de transport

Publication

EP 2062832 B1 20110420 (DE)

Application

EP 08151227 A 20080208

Priority

- IT VR20070165 A 20071120
- IT VR20070166 A 20071121

Abstract (en)

[origin: EP2062832A1] The silo (1) has a container (2) supported on a supporting structure, where an upper part of the container has a circular cross section. Filling aids are provided for filling the container with bulk goods to be stored. Delivery aids (4) e.g. linear actuator, deliver the bulk goods from the container to a transport vehicle (100). An outlet device (5) is in form of a connecting element (6) and has a cross section between a lower part of an unloading body and an outlet unit (7), where the cross section increases towards a base. The delivery aids open and close the outlet unit. An independent claim is also included for a system for controlling the delivery of bulk goods from a silo.

IPC 8 full level

B65D 88/28 (2006.01); **B65D 90/00** (2006.01); **B65D 90/60** (2006.01); **B65D 90/64** (2006.01); **B65D 90/66** (2006.01)

CPC (source: EP)

B65D 88/28 (2013.01); **B65D 90/587** (2013.01); **B65D 90/64** (2013.01); **B65D 90/66** (2013.01); **B65D 2590/664** (2013.01)

Cited by

CN113086676A; US2016130095A1; CN114735488A; CN112950853A; EP2683624A4; US9796319B1; US10059246B1; USRE46576E; USRE47162E; USRE46645E; US9862551B2; US9969564B2; USRE46381E; USRE46531E; USRE46590E; US9321589B2; US9624030B2; US9840366B2; US10745194B2; US9670752B2; USRE46613E; US11873160B1; US9617066B2; US9682815B2; US9809381B2; US9914602B2; US9932181B2; US10518828B2; US10703587B2; US9676554B2; US9718610B2; US9758081B2; US9771224B2; US9988215B2; US10179703B2; US10239436B2; US10399789B2; US10662006B2; US10814767B2; US9656799B2; US9669993B2; US9694970B2; US9701463B2; US9718609B2; US9725233B2; US9725234B2; US9738439B2; US9815620B2; US9834373B2; US10464741B2; US10569953B2; US10661981B2; US10661980B2; US9845210B2; US9868598B2; US9919882B2; US9932183B2; US9963308B2; USD847489S; US10538381B2; US10562702B2; US10676296B2; US10926967B2; US11414282B2

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