

Title (en)
Device for metering granular materials

Title (de)
Anordnung zum Dosieren schüttfähiger Substanzen

Title (fr)
Dispositif pour le dosage de matériaux pulvérulents

Publication
EP 0989383 A3 20011128 (DE)

Application
EP 99118798 A 19990923

Priority
DE 29817289 U 19980925

Abstract (en)
[origin: EP0989383A2] The controlled feed unit(300) is connectable in a defined manner with the container (200) by a feed device(522). The closure(500) is held automatically in a closed position(130) and can be transferred to into an open position by using an operating device. At least one stop secures the closure in the closed position and prevents in advertent liberation of the substance. The stop on connection of the feed unit with the container is preferably is preferably releasable from the controlled feed unit at the latest when the filling position is reached, in order to secure the closure as long as possible in the closed position. Preferably, the stop is connected to the feed device and it works in conjunction with the operating device of the closure.

IPC 1-7
F42B 33/02

IPC 8 full level
F42B 33/00 (2006.01); **F42B 33/02** (2006.01)

CPC (source: EP)
F42B 33/004 (2013.01); **F42B 33/02** (2013.01)

Citation (search report)

- [A] EP 0139598 A1 19850502 - DURAND & MOLLAIRE ATEL [FR]
- [A] US 3013698 A 19611219 - BRYAN GORDON, et al
- [A] US 3090524 A 19630521 - CORCORAN LYLE S
- [A] FR 2641862 A1 19900720 - ADL AUTOMATION [FR]
- [A] EP 0405277 A1 19910102 - HENKEL KGAA [DE]
- [A] GB 369450 A 19320324 - KATHARINA FREIFRAU V GILLERN G, et al
- [A] EP 0811422 A1 19971210 - BAYER AG [DE]
- [A] GB 2065215 A 19810624 - GIA SRL
- [A] US 3996650 A 19761214 - TONN MARTIN H
- [A] EP 0289890 A2 19881109 - AUDI AG [DE]
- [X] DE 1053260 B 19590319 - UNION CARBIDE CORP
- [X] GB 775233 A 19570522 - PHOENIX RHEINROHR AG
- [A] DE 4406582 A1 19950907 - FROMMHOLD STEFANIE [DE]
- [A] CH 288513 A 19530131 - SOMO SOCIETE POUR LES METAUX O [CH]
- [A] FR 519370 A 19210609 - GOODYEAR TIRE & RUBBER
- [A] US 3067776 A 19621211 - NORRIS LOVE HAROLD

Cited by
AU2006318620B2; AU2012203065B2; CN115560639A; US9221561B2; US7836922B2; US7950423B2; US7958916B2; US8025082B2; US8220505B2; US8230887B2; US8803009B2; US9772216B2; US10620034B2

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