

Title (en)

QUICK RELEASE AERATOR FOR PREVENTING BRIDGE FORMATIONS IN BULK CONTAINERS

Publication

EP 0246617 A3 19880803 (DE)

Application

EP 87107276 A 19870519

Priority

DE 3616990 A 19860521

Abstract (en)

[origin: EP0246617A2] 1. Quick release aerator for disintegrating material accumulations in storage silos for bulk material by means of air blasts, comprising a container (1) which is connected to a compressed air storage means (6) via a connection line (5) and adapted to be filled with compressed air from the compressed air storage means (6) through a multipath valve (7), said container (1) having an outlet connecting piece (2) and a piston-like valve locking body (3) which is adapted to be reciprocated between the opened and the closed position in a tightly sealing manner and which, when being in the closed position, closes the outlet connecting piece (2) inside the compressed air container (1) against the outside, characterised in that a compressed air supply line (8) is branched off from the connection line (5) between the multipath valve (7) and the compressed air container (1), which compressed air supply line (8) leads into the compressed air container (1) and includes an overflow valve (9).

IPC 1-7

B65D 88/70

IPC 8 full level

B65D 88/70 (2006.01)

CPC (source: EP)

B65D 88/703 (2013.01)

Citation (search report)

- [AD] EP 0097236 A1 19840104 - VSR ENG FOERDERTECHNIK [DE]
- [A] DE 2000808 A1 19710722 - SYRJANOWSKIJ SWINZOWIJ KOM

Cited by

EP1528013A1; US7837062B2; WO9918012A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI NL

DOCDB simple family (publication)

EP 0246617 A2 19871125; EP 0246617 A3 19880803; EP 0246617 B1 19891011; AT E47114 T1 19891015; DE 3616990 C1 19871217; DE 3760730 D1 19891116

DOCDB simple family (application)

EP 87107276 A 19870519; AT 87107276 T 19870519; DE 3616990 A 19860521; DE 3760730 T 19870519