

Title (en)

Air cannon with upper inner valve unit

Title (de)

Luftstossgeräte mit innenliegender, oben angeordneter Ventileinheit

Title (fr)

Dispositif aérateur de décolmatage avec ventil placé dans la partie supérieure de l'intérieur d'un conteneur

Publication

EP 1528013 B1 20060628 (DE)

Application

EP 04025581 A 20041027

Priority

DE 20316754 U 20031031

Abstract (en)

[origin: EP1528013A1] A compressed air pulse generator for clearing blockages in silos and in other free flow equipment, has a pressure reservoir (2) with an outlet tube (7) and with a high pressure valve system mounted inside the reservoir for safety. The valve opens and closes the inner end (11) of the tube and is mounted on the inside of a support flange inside an access port. This ensures that in the event of a rupture of the high pressure valve the broken pieces remain inside the pressure reservoir. The high pressure valve and pulse tube are easily removed for maintenance with the support flange.

IPC 8 full level

B65D 88/70 (2006.01); **B01F 33/40** (2022.01)

CPC (source: EP)

B65D 88/703 (2013.01)

Cited by

US7837062B2; EP1918221A1; DE202010012637U1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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