

Title (en)

RETENTION VALVE FOR COMPRESSED AIR INLET

Publication

**EP 0485781 B1 19930825 (DE)**

Application

**EP 91118206 A 19911025**

Priority

DE 9015587 U 19901114

Abstract (en)

[origin: EP0485781A1] In order to develop a retention valve (10) for a compressed air inlet for arrangement in or on an outlet funnel wall (11) of a silo container for dry, in particular pulverulent bulk material, with an elastic sealing member (18) which is pressed in its seat (11a) on the inlet mouth (12a) of a flanged-on compressed-air supply pipe (12) by a holding member and which, in the event of rising air pressure at the inlet mouth (12a), is elastically deformable until exposure of an air outlet opening arising between the sealing member (18) and the seat (11a), in such a manner that this valve is simply removed and easily exchangeable, compressed air delivery being possible in the operating condition to all sides parallel to the container wall surface and a vibration additionally being caused, it is proposed that the elastic sealing member (18) has a hood-shaped or hat-shaped hollow section with a side open to the compressed-air supply pipe (12), its frontal annular surfaces (18) resting snugly on the seat (11a) in the state in which it is unstressed with compressed air and that the elastic sealing member (18) bears with a coaxial part (18b) of its hollow-section outer wall on an outer support member (19) which is fastened removably on the outlet funnel wall (11). <IMAGE>

IPC 1-7

**B65D 88/70**

IPC 8 full level

**B65D 88/70** (2006.01)

CPC (source: EP)

**B65D 88/706** (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK FR GB LI LU NL SE

DOCDB simple family (publication)

**EP 0485781 A1 19920520; EP 0485781 B1 19930825**; AT E93478 T1 19930915; DE 59100327 D1 19930930; DE 9015587 U1 19910131; DK 0485781 T3 19940103

DOCDB simple family (application)

**EP 91118206 A 19911025**; AT 91118206 T 19911025; DE 59100327 T 19911025; DE 9015587 U 19901114; DK 91118206 T 19911025