

Title (en)
LOCKING VALVE FOR SHELTER VENTILATION PIPES

Publication
EP 0256492 B1 19900418 (DE)

Application
EP 87111600 A 19870811

Priority
DE 3627490 A 19860813

Abstract (en)
[origin: EP0256492A1] 1. Sealing valve for shelter ventilation lines with a valve sealing body (26; 88) displaceable against a spring force acting in the opening direction and an air feed line (44; 78) directed towards the valve sealing body and ending coaxially with the valve sealing body and at a distance in front of the valve sealing body, and with an air feed designed as a path deflection and extension piece between the end of the air feed line lying in front of the valve sealing body and the valve throat (29; 81), characterised in that the air feed is designed as a multicyclone with a number cyclones (50; 74) parallel to each other and to the axis of the air feed line, the inlets of which start from a widening (48; 75) extending laterally from the end of the air feed line, and the pure air outlet lines (52; 86) of which extend, sealed by a partition (18; 84) lying diagonal to the air feed line (44; 78) of the valve, into a chamber (56; 80) in front of the valve throat (29; 81), and that on the valve housing (4; 70) in the region of the inlet of the air feed line there is provided a residual air collecting channel (16; 92) into which the cyclones issue with their conical ends (58) and which is provided with a residual air outlet opening (62; 98).

IPC 1-7
A62B 13/00

IPC 8 full level
A62B 13/00 (2006.01)

CPC (source: EP)
A62B 13/00 (2013.01)

Citation (examination)
DE 1507842 B2 19730111

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
EP 0256492 A1 19880224; EP 0256492 B1 19900418; DE 3627490 A1 19880218; DE 3627490 C2 19890713; DE 3762310 D1 19900523

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EP 87111600 A 19870811; DE 3627490 A 19860813; DE 3762310 T 19870811