

Title (en)

Device for ventilation/removal of air from a number of pneumatic actuators

Title (de)

Vorrichtung zur Be-/Entlüftung einer Mehrzahl von pneumatischen Aktuatoren

Title (fr)

Dispositif d'aération d'une multitude d'actionneurs pneumatiques

Publication

EP 2012022 A3 20120829 (DE)

Application

EP 08011773 A 20080630

Priority

- DE 102008015763 A 20080326
- DE 102007030636 A 20070702

Abstract (en)

[origin: EP2012022A2] The device (100) has a deaerating-and/or ventilating chamber (110) provided with an inlet connection (120). An outlet connection (130) is provided for each actuator exhibits a group of air pressure absorbing moldings (210, 220, 230). The moldings are arranged and shifted from each other both in the air mainstream direction and perpendicular to air mainstream direction so that the moldings represents a close wall in the air mainstream direction.

IPC 8 full level

F01N 1/08 (2006.01); **F15B 15/20** (2006.01); **F15B 15/22** (2006.01); **F15B 21/04** (2006.01); **F15D 1/00** (2006.01)

CPC (source: EP)

F15B 13/0871 (2013.01); **F15B 21/008** (2013.01); **F15D 1/0005** (2013.01); **F15B 2211/8855** (2013.01)

Citation (search report)

- [Y] FR 2398245 A1 19790216 - OUTILLAGE AIR COMPRISE [FR]
- [Y] DE 3326802 A1 19850214 - FESTO KG [DE]
- [Y] WO 8002304 A1 19801030 - ACOUSTICS CO IND INC [US]
- [Y] US 4079809 A 19780321 - VISNAPUU AARNE, et al
- [Y] FR 1145543 A 19571028 - RENAULT

Cited by

CN105179779A; US11883358B2; US11432995B2; US11039975B2; US11458066B2; US11752062B2; WO2020186330A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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