

Title (en)
VALVE-DEVICE FOR GRADUALLY PUTTING UNDER PRESSURE PNEUMATIC SYSTEMS

Publication
EP 0097246 A3 19840926 (EN)

Application
EP 83104924 A 19830519

Priority
IT 2173482 A 19820607

Abstract (en)
[origin: EP0097246A2] A device for gradually putting under pressure pneumatic systems, in particular for automatic starting up of presses, pneumatic actuators and pneumatic power-consuming machines in general. The device comprises a valve casing (1) defining a passage for the fluid, between an inlet port (2) and an outlet port (3); a pneumatically-operated pressure-reducing valve (8,9) is arranged in the fluid passage and operates in order to substantially reduce the pressure of the fluid fed in, each time the system is started up, said valve (8,9) opening instantaneously and making it possible to feed the fluid at full pressure value, as soon as the pressure of the fluid in the system reaches a pre-established value. The valve device also comprises a single-acting valve (27,30) for rapid exhaust of the system.

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F15B 11/06; **F15B 13/02**

IPC 8 full level
F15B 11/068 (2006.01)

CPC (source: EP)
F15B 11/068 (2013.01)

Citation (search report)
• [Y] US 3792714 A 19740219 - MILLER W
• [Y] FR 1560382 A 19690321
• [Y] FR 1580794 A 19690905
• [A] US 2304404 A 19421208 - FLANAGAN HOWARD V
• [A] CH 355001 A 19610615 - GOSSIAUX WILLY [CH]
• [A] FR 2273180 A1 19751226 - ROSS OPERATING VALVE CO [US]
• [A] US 3631894 A 19720104 - FRANTZ VIRGIL L

Cited by
FR2561798A1; EP0845601A1; EP0508271A1; US5381828A; FR2582749A1; EP0730097A3

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