

Title (en)

Pneumatic cylinder with self-adjusting end position dampening

Title (de)

Pneumatikzylinder mit selbstjustierender Endlagendämpfung

Title (fr)

Cylindre pneumatique avec amortissement de fin de course à auto-ajustage

Publication

EP 2541073 B1 20200805 (DE)

Application

EP 12171413 A 20120611

Priority

DE 102011051400 A 20110628

Abstract (en)

[origin: EP2541073A2] The cylinder has a line connection (30) for connecting a control space (25) of a pneumatically steered control valve (21) with a region of an attenuation arrangement under pressurized ventilation. Ventilation pressure in the control space is sealable by a closure assembly (26) during a beginning of attenuation that is characterized by pressure increase in an attenuation chamber (20). The ventilation pressure acts as fixed control pressure on a control piston (23) of the control valve. An opening time point of the control valve is defined for releasing a ventilation path.

IPC 8 full level

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CPC (source: EP US)

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