

Title (en)

CONTROL DEVICE FOR PNEUMATIC SYSTEMS, IN PARTICULAR PNEUMATIC CYLINDERS FOR MACHINES AND PRODUCTION MACHINES OR PRODUCTION ASSEMBLIES

Publication

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Application

**EP 89107856 A 19890429**

Priority

DE 3815939 A 19880510

Abstract (en)

[origin: EP0341530A1] A control device for pneumatic systems, in particular pneumatic cylinders for machines and production machines or production assemblies, contains air control valves for filling and venting, starting and also switching on and emergency tripping which are connected in a circuit to one another, to a pressure source and to the atmosphere. For safe installation and operation of the systems, the air control valves are combined and interconnected to form a prefabricated functional unit which is connected between pressure source and atmosphere on the one hand and the controlled systems on the other hand. The air control valves can be activated manually and/or electrically/electronically and are connected in a functionally and operationally reliable manner to avoid incorrect operation and disturbance effects. <IMAGE>

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**F15B 11/06; F15B 13/00**

IPC 8 full level

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Cited by

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