Title (en)

DEVICE AND METHOD FOR PNEUMATIC VALVE CONTROL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR PNEUMATISCHEN VENTILSTEUERUNG

Title (fr)

DISPOSITIF ET PROCEDE DE COMMANDE D'UNE VANNE PNEUMATIQUE

Publication

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Application

EP 05733936 A 20050405

Priority

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Abstract (en)

[origin: WO2005097792A1] A valve control apparatus (10) includes an enclosure (12, 14) that defines first and second chambers (16), an indicator (24) that is proximate the first and second chambers (16), an operating media distribution system (20) that is disposed in the first chamber (12), an electronic control unit that is disposed in the second chamber, and a plurality of connection ports (34). The first and second chambers (16) are spaced from each other along a longitudinal axis. The indicator (24) has a visual symbol (388) that identifies an operational state of at least one process valve (3). The operating media distribution system (20) includes an operating media supply passage (28), an operating media exhaust passage (30), at least three operating media transmission passages (32), and a plurality of valves (64, 66, 68, 70) in fluid communication with the operating media supply passage (28), the operating media exhaust passage (30), and the at least three operating media transmission passages (32). The electronic control unit operates at least one of the plurality of valves (64, 66, 68, 70) to control operating media flow in the operating media distribution system (20). And the plurality of connection ports (34) communicate with the operating media supply passage (28), the operating media exhaust passage (30), and the at least three operating media transmission passages (32).

IPC 8 full level (invention and additional information)

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CPC (invention and additional information)

F16K 27/003 (2013.01); **F16K 37/0058** (2013.01); **F16K 37/0083** (2013.01); **F16K 37/0091** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See also references of WO 2005097792A1

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DE FR GB IT

DOCDB simple family

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