

Title (en)  
5/3-WAY VALVE UNIT

Publication  
**EP 0238782 B1 19910717 (DE)**

Application  
**EP 86890351 A 19861219**

Priority  
AT 377485 A 19851230

Abstract (en)  
[origin: EP0238782A2] The control element of the 5/3-way valve unit is formed by two control slides which are arranged separately in the housing, in each case have two axially offset control edges interacting with two medium connections each and can be acted upon separately by control pressure. The control edges of the first control slide control the supply air of the first and the exhaust air of the second cylinder side; the control edges of the second control slide control the supply air of the second and the exhaust air of the first cylinder side. At control pressures below the pressure level required to overcome a restoring force acting on them, both control slides are located in their zero position blocking all medium connections, in which arrangement a very small dead space occurs for the control pressure, which ensures a high response speed of the control system in particular in the area of the zero passage with at the same time a very compact construction of the valve unit. <IMAGE>

IPC 1-7  
**G05D 16/18**

IPC 8 full level  
**F16K 11/07** (2006.01); **F15B 13/04** (2006.01); **F16K 11/22** (2006.01)

CPC (source: EP)  
**F15B 13/0402** (2013.01)

Cited by  
EP0953776A3; CN110530074A

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DE FR GB SE

DOCDB simple family (publication)  
**EP 0238782 A2 19870930; EP 0238782 A3 19880210; EP 0238782 B1 19910717**; AT 391178 B 19900827; AT A377485 A 19900215; CN 1010242 B 19901031; CN 86108885 A 19870923; DE 3680324 D1 19910822; JP H0660697 B2 19940810; JP S62237180 A 19871017

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