

Title (en)  
Multi-stage selector valve.

Title (de)  
Mehrstufiges Wahlventil.

Title (fr)  
Vanne de commande à plusieurs étages.

Publication  
**EP 0361643 A1 19900404 (EN)**

Application  
**EP 89305711 A 19890607**

Priority  
JP 12937688 U 19880930

Abstract (en)  
A single housing (2) is formed with selector valve ports (A, B, C, D, P, T1, T2) in a plurality of parallel rows each forming a selector valve, wherein the cylinder ports (D, C) in one set in one of the two adjacent rows communicate with the tank port (T2) and pump port (P) in the other row through communication passages (8, 9); thus, the selector valves are connected inside the housing (2) by the communication passages (8, 9), whereby pipe lines (6, 7) can be simplified.

IPC 1-7  
**F15B 13/06**

IPC 8 full level  
**F16K 27/00** (2006.01); **F15B 13/06** (2006.01); **F16K 11/07** (2006.01)

CPC (source: EP)  
**F15B 13/06** (2013.01)

Citation (search report)  
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• [A] US 3162095 A 19641222 - KOONS CHARLES W  
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• [A] GB 2107434 A 19830427 - TOSHIBA MACHINE CO LTD

Designated contracting state (EPC)  
DE FR GB IT SE

DOCDB simple family (publication)  
**EP 0361643 A1 19900404**; JP H0250577 U 19900409; JP H0740780 Y2 19950920

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