

Title (en)  
VALVE SYSTEM

Title (de)  
VENTILSYSTEM

Title (fr)  
SYSTEME DE SOUPAPES

Publication  
**EP 0854982 A2 19980729 (DE)**

Application  
**EP 96945481 A 19961003**

Priority  
• DE 9601909 W 19961003  
• DE 19537482 A 19951009

Abstract (en)  
[origin: DE19537482A1] A central block is disclosed for a pilot controlled valve system with seat and piston valves. The central block has a preferably standardised connection interface (12), a pilot valve interface (13) for receiving a pilot valve (32), a pump conduit (P), a tank conduit (T), a first work conduit (A), a second work conduit (B), a first control conduit x and a second control conduit y, as well as four valve reception cavities (34, 36) for receiving each one valve unit (C1, C2, C3, C4). In order to create a central block which may be universally used with any number of hydraulic circuits and whose connections may be easily modified, the central block is composed of a middle block (2) to which are detachably secured two valve blocks (50, 60, 70, 80, 90, 100, 110, 120). The middle block (2) has two valve sides (6, 10) provided each with a valve block interface (22, 24) which receive each one valve block (50, 60, 70, 80, 90, 100, 110, 120). Each valve block (50, 60, 70, 80, 90, 100, 110, 120) has two valve receiving cavities (34, 36) and the control conduits x and y are arranged in such a way that each valve unit (C1, C2, C3, C4) may be driven by a pilot valve (32) mounted at the pilot valve interface (13).

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**F15B 11/006** (2013.01 - EP US); **F15B 13/0405** (2013.01 - EP US); **F15B 13/0814** (2013.01 - EP US); **F15B 13/0835** (2013.01 - EP US); **F15B 13/086** (2013.01 - EP US); **F15B 13/0889** (2013.01 - EP US); **F15B 2013/006** (2013.01 - EP US); **F15B 2211/30575** (2013.01 - EP US); **Y10T 137/87201** (2015.04 - EP US); **Y10T 137/87209** (2015.04 - EP US); **Y10T 137/87885** (2015.04 - EP US)

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