

Title (en)
Seat valve

Title (de)
Sitzventil

Title (fr)
Soupape à siège

Publication
EP 0900963 B1 20030226 (DE)

Application
EP 98108827 A 19980514

Priority
DE 29715748 U 19970902

Abstract (en)
[origin: EP0900963A1] The seat valve (S) has a closure member (3) with an adjusting drive (5,7), and a device to load the member in the closing position on the seat. The device consists of a mechanical, non-positive locking unit (R), released by the valve drive, with the sealing position locking force acting in the closing direction of the member. The bistable locked seat valve has adjusting impulse transmitters, to release the locking unit. The unit acts as an auxiliary adjusting drive, beginning at its release point. The adjusting drive has at least one switching magnet (M1,M2) for each direction. The valve is a 3/2-way path valve.

IPC 1-7
F16K 31/56

IPC 8 full level
F15B 13/04 (2006.01); **F15B 13/044** (2006.01); **F16K 31/56** (2006.01)

CPC (source: EP)
F15B 13/0405 (2013.01); **F15B 13/044** (2013.01); **F15B 2013/041** (2013.01)

Designated contracting state (EPC)
CH DE FR GB IT LI NL SE

DOCDB simple family (publication)
DE 29715748 U1 19971106; DE 59807291 D1 20030403; EP 0900963 A1 19990310; EP 0900963 B1 20030226

DOCDB simple family (application)
DE 29715748 U 19970902; DE 59807291 T 19980514; EP 98108827 A 19980514