

Title (en)
Valve

Title (de)
Ventileinrichtung

Title (fr)
Valve

Publication
EP 1498187 A3 20060705 (DE)

Application
EP 04015695 A 20040703

Priority
DE 10334032 A 20030718

Abstract (en)
[origin: EP1498187A2] The valve for a pressurized space (7), in particular, of a pump comprises a push rod (2) and a valve disk (3) which are movable relative to one another.

IPC 8 full level
B05B 11/00 (2006.01); **F25B 41/04** (2006.01); **F25B 41/06** (2006.01)

CPC (source: EP KR US)
B05B 11/1025 (2023.01 - EP US); **F25B 41/20** (2021.01 - KR); **F25B 41/30** (2021.01 - KR)

Citation (search report)

- [X] US 6332561 B1 20011225 - GARCIA FIRMIN [FR], et al
- [X] US 4245967 A 19810120 - BUSSELET JEAN-CLAUDE G

Cited by
CN109070116A; EP3400107A4

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1498187 A2 20050119; EP 1498187 A3 20060705; EP 1498187 B1 20111228; AR 046502 A1 20051214; AT E538876 T1 20120115; BR PI0402778 A 20050524; CN 100585183 C 20100127; CN 1576585 A 20050209; DE 10334032 A1 20050217; DE 10334032 B4 20050623; ES 2378537 T3 20120413; KR 20050009950 A 20050126; MX PA04006864 A 20050617; US 2005023302 A1 20050203; US 7281644 B2 20071016

DOCDB simple family (application)
EP 04015695 A 20040703; AR P040102485 A 20040714; AT 04015695 T 20040703; BR PI0402778 A 20040716; CN 200410054431 A 20040716; DE 10334032 A 20030718; ES 04015695 T 20040703; KR 20040055587 A 20040716; MX PA04006864 A 20040715; US 89281804 A 20040716