Title (en)

VALVE

Publication

EP 0317608 A4 19901024 (EN)

Application

EP 88905103 A 19880516

Priority

CA 537390 A 19870519

Abstract (en)

[origin: WO8809457A1] A valve (120) is formed by a cylinder (123) and a piston (121) slidable within the cylinder. The valve may take the form of either a stop valve or a diverter valve. The piston of the stop valve contains a single flow passageway which may be moved between at least two positions in the cylinder. The passageway in one position is in alignment with first and second flow conduits that are connected to the cylinder, and is out-of-alignment with those conduits in the other position. The piston of the diverter valve contains first and second passageways (125, 128). In one position of the piston, the first passageway allows continuous flow between first and second flow conduits (124, 126) that are connected to the cylinder. In another position of the piston, the second passageway (128) allows continuous flow between one of the first and second flow conduits and a third flow conduit (129) that is connected to the cylinder. The valve employs a minimal number of interacting parts, and is designed to minimize the effect of corrosive or abrasive material flow.

IPC 1-7

F16K 3/26; F16K 3/316; F16K 11/065

IPC 8 full level

F16K 11/06 (2006.01); **F16K 11/065** (2006.01)

CPC (source: EP)

F16K 11/06 (2013.01); **F16K 11/065** (2013.01)

Citation (search report)

- [XD] US 3907374 A 19750923 - STEELE JAMES K
- [A] GB 2112506 A 19830720 - SHELL INT RESEARCH
- See references of WO 8809457A1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 8809457 A1 19881201; AU 1941588 A 19881221; CA 1316520 C 19930420; EP 0317608 A1 19890531; EP 0317608 A4 19901024

DOCDB simple family (application)

US 8801616 W 19880516; AU 1941588 A 19880516; CA 537390 A 19870519; EP 88905103 A 19880516