

Title (en)
Stop valve with pressure limitation

Title (de)
Sperrventil mit Druckbegrenzung

Title (fr)
Vanne d'arrêt avec limitation de pression

Publication
EP 0816691 A3 19990317 (DE)

Application
EP 97109617 A 19970613

Priority
DE 19627306 A 19960706

Abstract (en)
[origin: EP0816691A2] The stop valve has in its body an auxiliary valve also blocking in the back flow direction, which is opened for introduction of user channel unloading via thruster operated from the longitudinal slider. In or on the stop valve body (41) a pressure limiting valve is arranged, which opens in the back flow direction (9). The stop valve is arranged within its housing (11) in the area of a user connection (25). The pressure limiting valve is arranged within the stop valve body parallel next to the auxiliary valve. It incorporates as additional components at least one valve body and a mechanical spring component tensioned by a pressure limiting screw.

IPC 1-7
F15B 13/01; **F15B 20/00**

IPC 8 full level
F15B 11/028 (2006.01); **F15B 13/01** (2006.01); **F15B 20/00** (2006.01)

CPC (source: EP)
F15B 11/028 (2013.01); **F15B 13/015** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/3116** (2013.01); **F15B 2211/327** (2013.01); **F15B 2211/353** (2013.01); **F15B 2211/50581** (2013.01); **F15B 2211/5153** (2013.01); **F15B 2211/55** (2013.01); **F15B 2211/7053** (2013.01)

Citation (search report)
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EP1063431A1; EP2280179A3; WO2013043137A1

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DOCDB simple family (publication)
EP 0816691 A2 19980107; **EP 0816691 A3 19990317**; **EP 0816691 B1 20021218**; DE 19627306 A1 19980108; DE 59708982 D1 20030130

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