

Title (en)
Control lever

Title (de)
Schalthebel

Title (fr)
Lever de commande

Publication
EP 0780642 A3 20000531 (EN)

Application
EP 96309011 A 19961211

Priority
US 57607095 A 19951221

Abstract (en)
[origin: EP0780642A2] A fluid flow control apparatus comprises a body defining a path for fluid, a flow control device (2) selectably positionable with respect to the body (11,12,13,14) for controlling flow of said fluid in said fluid path (R); and a resilient member acting on the flow control device (2) to oppose movement thereof with respect to said body (11,12,13,14); wherein the flow control device (2) has a control portion and the resilient member exerts a force on said control portion the amount of which depends on the position of the flow control device (2) to counteract the action on the flow control device (2) of fluid in said path (R).

IPC 1-7
F24F 13/14; B60H 1/00

IPC 8 full level
F24F 13/14 (2006.01)

CPC (source: EP)
F24F 13/1426 (2013.01); **F24F 13/1486** (2013.01); **F24F 13/1406** (2013.01); **F24F 2013/1453** (2013.01); **F24F 2013/1473** (2013.01)

Citation (search report)

- [A] DE 9208345 U1 19921112
- [A] GB 2260792 A 19930428 - DAIMLER BENZ AG [DE]
- [A] DE 4411935 C1 19950420 - DAIMLER BENZ AG [DE]
- [A] US 4523609 A 19850618 - WECK FRANZ [DE]

Cited by
EP1134507A3; EP2489914A3; CN105339739A; US10077784B2; WO2014209275A1; TWI558955B

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
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