

Title (en)
FLUID CONTROL DEVICES FLUID CONTROL DEVICES

Publication
EP 0260065 A3 19890222 (EN)

Application
EP 87307773 A 19870903

Priority
GB 8621532 A 19860906

Abstract (en)
[origin: EP0260065A2] A fluid control device comprising a pivotable member (8) which has a planar major face (22) and is mounted so as to enable pivotal motion about an axis (11) parallel to the major face. The pivotable member including a fluid jet channel (29) which directs a fluid jet towards a fluid receiving channel (37) defined in a receiving member (7). The pivotable member is pivotally rotated about the axis by means operable to pivot the pivotable member. This means may be an electromagnet (14) disposed with its poles (20,21) adjacent and parallel to the major face of the pivotable member. The motion of the pivotable member alters the relative positions of the fluid jet channel/channels and the fluid receiving channel/channels and thereby the quantity of fluid received by the fluid receiving channel/channels.

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CPC (source: EP)
F15B 13/0436 (2013.01); **F15C 3/12** (2013.01)

Citation (search report)
• [A] US 2849013 A 19580826 - CALLENDER BERNARD L
• [A] US 3137309 A 19640616 - WALTER BLASE WILLIAM, et al
• [A] DE 2264833 A1 19751016 - RENAULT
• [A] US 3678951 A 19720725 - COAKLEY JAMES L
• [A] DE 2032361 C3 19810115
• [A] US 3457955 A 19690729 - KLEINER ERICH J, et al
• [A] US 3272077 A 19660913 - MEULENDYK JOHN W, et al
• [A] US 3489179 A 19700113 - MCNEIL ROBERT D, et al

Cited by
EP0764784A1; EP2980417A1; FR3024505A1; US5443093A; EP0629782A3; US9677682B2; US8757588B2; US8777181B2; EP2016319B2

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