

Title (en)  
FITTING FOR REVERSING THE DIRECTION OF FLOW OF A MEDIUM

Title (de)  
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Title (fr)  
GARNITURE POUR L'INVERSION DU SENS D'ECOULEMENT D'UN MILIEU

Publication  
**EP 1071897 A1 20010131 (DE)**

Application  
**EP 99913177 A 19990220**

Priority  
EP 9901114 W 19990220

Abstract (en)  
[origin: WO0049317A1] The invention relates to a fitting for reversing the direction of flow of a medium. Said fitting comprises a housing (10) having two primary connections, notably an inlet and an outlet (36) for the medium, and two secondary connections (38, 40) which are linked by a secondary line (S). The fitting also comprises a valve system which is located in the housing and serves to change the connections linking the primary and secondary connections. The invention is characterized in that partitions (18, 24, 26; 80, 82) divide the housing (10) into two primary chambers (32) to each of which one of the primary connections (34, 36) is assigned, and two secondary chambers (20, 22) to each of which one of the secondary connections (38, 40) is assigned; in that each primary chamber shares a partition (24, 26; 80) presenting an orifice (42, 44, 46, 48) with both of the secondary chambers (20, 22); and in that the valve system consists of two separate valve members (50; 66) which alternately open and close two of the orifices (42, 44; 46; 48).

IPC 1-7  
**F16K 11/22**

IPC 8 full level  
**F16K 11/22** (2006.01)

CPC (source: EP)  
**F16K 11/22** (2013.01)

Citation (search report)  
See references of WO 0049317A1

Designated contracting state (EPC)  
DE

DOCDB simple family (publication)  
**WO 0049317 A1 20000824**; EP 1071897 A1 20010131

DOCDB simple family (application)  
**EP 9901114 W 19990220**; EP 99913177 A 19990220