

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'ÉCOULEMENT D'UN MILIEU

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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).

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