

Title (en)
DOUBLE-SEATED LEAK-SEALED FLAP VALVE

Title (de)
DOPPELSITZ-KLAPPENVENTIL MIT LECKAGESICHERUNG

Title (fr)
SOUPAPE A CLAPET A SIEGE DOUBLE AVEC SECURITE ANTI-FUITE

Publication
EP 0891505 A1 19990120 (DE)

Application
EP 97908217 A 19970312

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Abstract (en)
[origin: WO9739265A1] The invention relates to a double-seated flap valve, especially as a blocking component in pipes securely to separate hostile fluids, especially for the food and beverages industry, as described in the preamble to claim 1, which operates with little or no leakage and where the leakage chamber can easily be cleaned in both the closed and open positions. This is achieved in that, during opening, the flaps (2) are moved from their closed position while maintaining a seal at their sealing points (2a) fitted at the periphery against the inner wall of a central housing section (1a; 9) initially coaxially with the pipe and in opposite directions until they form a unit (2, 2; 2, 5, 2) accepting the leakage chamber (16) which is rotatably fitted directly or indirectly in the housing section (1a) via two coaxial spindle pins (5a) arranged on opposite sides of the unit (2, 2; 2, 5, 2) and taken into the open position via this bearing.

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