

Title (en)

A PASSIVE THREE-WAY CONTROL VALVE AND A COUPLING DEVICE INCLUDING SAID VALVE

Title (de)

EIN PASSIVES DREIWEGEREGELVENTIL UND EINE DIESES VENTIL UMFASSENDE KUPPLUNGSVORRICHTUNG

Title (fr)

SOUPAPE DE REGULATION PASSIVE A TROIS VOIES ET DISPOSITIF DE COUPLAGE LA COMPRENANT

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Application

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Abstract (en)

[origin: WO9516156A1] A passive three-way control valve includes a first, a second and a third pipe section (11, 12, 13) which are connected to a common distribution chamber (7). A valve flap (14) is pivotally mounted in the distribution chamber (7) so as to be able to seal against a first or a second seat (120, 130) which surrounds the chamber inlet of the second and the third pipe section (12, 13), respectively. The first pipe section (11) forms an outlet port (1) and the second and the third pipe sections (12, 13) form valve inlet ports. The valve flap (14) is adapted to take smoothly a position between the seats (120, 130) in response to the flows through the inlet ports (2, 3). The flap (14) is adapted to seal fully against the seat of the pipe section through which the flow is zero.

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