

Title (en)

ROTARY THROTTLE VALVE AND UTILISATION OF SAID THROTTLE VALVE FOR THE TRANSFER OF A FLUID TO A COMBUSTION CHAMBER OF AN INTERNAL COMBUSTION ENGINE

Title (de)

DREHSCHIEBER UND DESSEN VERWENDUNG FÜR DIE ZUFUHR EINER FLÜSSIGKEIT ZUR BRENNKAMMER EINER BRENNKRAFTMASCHINE

Title (fr)

BOISSEAU ROTATIF ET UTILISATION DUDIT BOISSEAU POUR LE TRANSFERT D'UN FLUIDE VERS UNE CHAMBRE DE COMBUSTION D'UN MOTEUR A COMBUSTION INTERNE

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Application

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Abstract (en)

[origin: FR2679960A1] The invention relates to a rotary valve for transferring a fluid between a fluid source and combustion chamber of an internal combustion engine, comprising at least a substantially cylindrical surface and a side wall. According to the invention, the rotary valve is comprised of at least one fluid flow channel having an inlet (122) and an outlet (121), the inlet (122) belonging to the side wall of the valve and being positioned at a distance, which is not zero, from the rotation axis of the rotary valve, and the outlet (121) belonging to the cylindrical surface of the valve and being radially offset with respect to the inlet (122).

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