

Title (en)

VALVE DEVICE FOR CONTROLLING OR METERING A FLUID

Title (de)

VENTILEINRICHTUNG ZUM SCHALTEN ODER ZUMESSEN EINES FLUIDS

Title (fr)

SYSTÈME DE SOUPAPE PERMETTANT LA COMMANDE OU LE DOSAGE D'UN FLUIDE

Publication

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Application

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Abstract (en)

[origin: WO2012116850A1] The invention relates to a valve device (22) for controlling or metering a fluid, comprising a housing (30), a flow duct (38) and a valve body (36) which is arranged in the flow duct (38) and has a sealing section (34) which, when the valve device (22) is closed, rests on a sealing seat (32) on the housing, wherein sealing section (34) and sealing seat (32) together form a sealing region (42), and wherein, when the valve device (22) is closed, a decay chamber (44) is provided immediately upstream of the sealing region (42) in the flow duct (38), which decay chamber is bounded by a baffle wall (46), wherein the baffle wall (46) is tilted with respect to the normal (58) to the sealing region (42) at an angle of at most 15° in the flow direction to 60° counter to the flow direction.

IPC 8 full level

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