

Title (en)

METERING VALVE AND JET PUMP UNIT FOR CONTROLLING A GASEOUS MEDIUM

Title (de)

DOSIERVENTIL UND STRAHLPUMPENEINHEIT ZUM STEUERN EINES GASFÖRMIGEN MEDIUMS

Title (fr)

SOUPAPE DE DOSAGE ET UNITÉ DE POMPE À JET POUR LA COMMANDE D'UN MILIEU GAZEUX

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2019101395A1] The invention relates to a metering valve (1) for controlling a gaseous medium, particularly hydrogen, comprising a valve housing (2), wherein an interior space (3) is formed in said valve housing (2). A movable closing element (10) is arranged in the interior space (3) along a longitudinal axis (40) of the metering valve (1), and said element interacts with a valve seat (19) in order to open or close off an opening cross-section of an inflow region (28) into a through-channel (18). Furthermore, the metering valve (1) comprises a nozzle (15) in which the through-channel (18) is formed and on which at least one sealing element (54) is arranged, wherein the sealing element (54) is designed to seal a gap (56) in an opening in which said nozzle (15) is received.

IPC 8 full level

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Citation (search report)

See references of WO 2019101395A1

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