

Title (en)

HIGH-PRESSURE VALVE FOR AN ATOMIZING NOZZLE, AND METHOD FOR RINSING A HIGH-PRESSURE VALVE

Title (de)

HOCHDRUCKVENTIL FÜR EINE ZERSTÄUBERDÜSE UND VERFAHREN ZUM NACHREINIGEN EINES HOCHDRUCKVENTILS

Title (fr)

VANNE À HAUTE PRESSION POUR UNE BUSE DE PULVÉRISATION ET PROCÉDÉ DE NETTOYAGE D'UNE VANNE À HAUTE PRESSION

Publication

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Application

EP 19835626 A 20191119

Priority

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Abstract (en)

[origin: WO2020119867A1] The invention relates to a high-pressure valve (101) for an atomizing nozzle. The high-pressure valve (101) has a valve inlet (105), a valve outlet (107), a fluid connection (109), at least one first movable piston (111), and a plunger (113). The valve inlet (105) is connected to the valve outlet (107) via the fluid connection, the plunger (113) is arranged in the fluid connection, and the atomizing nozzle can be connected to the valve outlet (107). The plunger (113) can be moved between a closed position and an open position by means of the first movable piston, and an atomizing fluid reaches the valve outlet (107) and/or the atomizing nozzle from the valve inlet (105) through the fluid connection when the plunger (113) is in the open position, wherein the high pressure valve (101) has a rinsing device (115) for rinsing the high-pressure valve (101) and/or the atomizing nozzle with a rinsing fluid. The invention additionally relates to a method for rinsing a high-pressure valve (101).

IPC 8 full level

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Citation (search report)

See references of WO 2020119867A1

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