

Title (en)

VALVE FOR DEVICE FOR DEGASSING LIQUID MIXTURES

Title (de)

VENTIL FÜR VORRICHTUNG ZUR ENTGASUNG FLÜSSIGER MISCHUNGEN

Title (fr)

VANNE POUR DISPOSITIF POUR DÉGAZER DES MÉLANGES DE LIQUIDES

Publication

EP 3446016 A4 20190227 (EN)

Application

EP 17786240 A 20170320

Priority

- SE 1650543 A 20160422
- SE 2017050266 W 20170320

Abstract (en)

[origin: WO2017184050A1] Pressure reduction valve for a device for degassing certain compounds in liquid mixtures having low boiling points in closed liquid systems, wherein a subpart of the liquid is separated for degassing and wherein degassed liquid is restored to the closed system, wherein the pressure reduction valve is arranged to be located on a conduit in which the said subpart is arranged to flow. The invention is characterised in that the pressure reduction valve comprises a house (31;32) with an inlet (11;21) and an outlet (16;26) for the separated liquid, in that the pressure reduction valve comprises a piston (12;22) which is movable in the said house, which piston is arranged to, to a larger or smaller extent, throttle the supply of the liquid separated to the pressure reduction valve, in that a pump is connected downstream of the pressure reduction valve, in that a compression spring (14;24) is arranged to act between one end wall (17;27) of the piston (12;22) and the house, in that a channel (13;23) is arranged through the piston, which channel connects the inlet (11;21) / outlet (16;26) of the pressure reduction valve to the side of the piston (12;22) facing towards the said spring (14;24), and in that the piston is sealed in relation to the inside of the house (31;32).

IPC 8 full level

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Citation (search report)

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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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