

Title (en)

CONSTANT-PRESSURE VALVE, AND ALARM VALVE STATION AND SPRINKLER SYSTEM COMPRISING SAME

Title (de)

KONSTANTDRUCKVENTIL, SOWIE ALARMVENTILSTATION UND SPRINKLERANLAGE MIT SELBIGEM

Title (fr)

SOUPAPE À PRESSION CONSTANTE, ET STATION DE SOUPAPE D'ALARME ET SYSTÈME DE GICLEUR

Publication

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Application

EP 18700882 A 20180112

Priority

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Abstract (en)

[origin: WO2018130649A1] The invention relates to a constant-pressure valve (45), in particular for an alarm valve station (100) of a sprinkler system (200), said valve comprising a fluid inlet (16), a fluid outlet (15), a flow channel between the fluid inlet and the fluid outlet, a control plunger (3, 8) which is disposed in the flow channel and can move back-and-forth between a stand-by position and a release position, the plunger comprising a first plunger face (S) facing the flow channel and a second plunger face (S2). According to the invention, the constant-pressure valve has a switching chamber which is separate from the flow channel and which has a switching-pressure inlet (4) that is fluidically connected to the switching chamber, the second plunger face (S2) facing the switching chamber (4a). The constant-pressure valve (45) has a securing element (21) which is coupled to the control plunger (3, 8) of the constant-pressure valve (45) and which, in the stand-by position, absorbs the forces acting on the first plunger face (S) of the control plunger (3, 8).

IPC 8 full level

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Citation (search report)

See references of WO 2018130649A1

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