

Title (en)
FLUID VALVE AND METHOD FOR CONTROLLING THE SUPPLY OF FLUID

Title (de)
FLUIDVENTIL UND VERFAHREN ZUR STEUERUNG DER ZUFUHR VON FLUID

Title (fr)
SOUPAPE À FLUIDE ET PROCÉDÉ POUR COMMANDER L'AMENÉE DE FLUIDE

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Abstract (en)
[origin: WO2019072793A1] The invention relates to a fluid valve (1), which has a first valve assembly (5) having a valve needle (7) and an electromagnetic actuating device (8). According to the invention, the electromagnetic actuating device (8) has an armature (10), which is coupled to the valve needle (7), and a pole piece (11). The armature (10) has an armature locating surface (15) on an armature locating side (14) opposite the pole piece (11), and the pole piece (11) has a pole piece locating surface (17) on a pole piece locating side (16) opposite the armature (10). For advantageous further development, according to the invention, the first valve assembly (5) has a deformable first ring element (19) and a deformable second ring element (20), wherein, when viewed along the longitudinal center axis (L), an inner contour (23) of the first ring element (19) extends outside an outer contour (24) of the second ring element (20). The invention further relates to a method for controlling the supply of fluid by means of a fluid valve according to the invention.

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