

Title (en)
LAMINATED SOLENOID ARMATURE FOR AN ELECTROMAGNETIC ACTIVATION DEVICE AND INJECTION VALVE FOR METERING A FLUID

Title (de)
GEBLECHTER MAGNETANKER FÜR EINE ELEKTROMAGNETISCHE BETÄTIGUNGSVORRICHTUNG SOWIE EINSPRITZVENTIL ZUM ZUMESSEN EINES FLUIDS

Title (fr)
INDUIT MAGNÉTIQUE FEUILLETÉ POUR DISPOSITIF D'ACTIONNEMENT ÉLECTROMAGNÉTIQUE, ET SOUPAPE D'INJECTION SERVANT AU DOSAGE D'UN FLUIDE

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Application
EP 16770751 A 20160923

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Abstract (en)
[origin: WO2017050967A1] The invention relates to a laminated solenoid armature (10) for an electromagnetic activation device, wherein the solenoid armature (10) can be shifted in a direction of movement along an axis A, comprising a multiplicity of laminations (14) which are connected to one another, wherein the laminations (14) are oriented perpendicularly with respect to the axis A and are stacked in the direction of movement of the solenoid armature (10) to form a lamination stack with an underside and an upper side, and wherein each lamination (14) has at least one recess (16) which is open towards an edge (17) of the lamination (14), wherein the laminations (14) are arranged inside the lamination stack in such a way that the recesses (16) form at least one duct (18) which passes through the lamination stack from the underside to the upper side. The invention also relates to an injection valve for metering a fluid, comprising an electromagnetic activation device having such a laminated solenoid armature (10).

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Citation (examination)
• JP 2000195719 A 20000714 - FUJI HEAVY IND LTD
• WO 2015126304 A1 20150827 - STACCATO TECHNOLOGIES AB [SE]
• See also references of WO 2017050967A1

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