

Title (en)
VALVE GUN FOR A HIGH-PRESSURE CLEANING DEVICE

Title (de)
VENTILPISTOLE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)
PISTOLET À VALVE POUR APPAREIL DE NETTOYAGE HAUTE PRESSION

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Application
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Abstract (en)
[origin: WO2015086085A1] The invention relates to a valve gun (10; 120) for a high-pressure cleaning device, with a housing (12; 122) and a valve (20; 132) arranged in the housing (12; 122), which valve has a closing element (68) which bears tightly against a valve seat (72) in a closed position and can be acted on by a valve plunger (66) with an opening force for displacing the closing element (68) into an open position, and with a triggering lever (34; 154) pivotably mounted about a first pivot axis (36; 156), which triggering lever is mechanically coupled to the valve plunger (66) and can be pivoted manually from an inoperative position into a release position. In order to develop the valve gun such that it has a simple structural design, is simple to handle and has low susceptibility to malfunctions, it is proposed that the triggering lever (34; 154) is coupled to the valve plunger (66) via a coupling lever (32; 142) pivotably mounted about a second pivot axis (60; 158), wherein the coupling lever (32; 142) has an actuating element (64; 144) via which the valve plunger (66) can be acted on with the opening force, and wherein the coupling lever (32; 142) has a first and a second force absorption element, wherein, when pivoting the triggering lever (34; 154) from the inoperative position into the release position, at first the first force absorption element and then the second force absorption element can be acted on with a triggering force and wherein the first force absorption element is at a greater distance from the second pivot axis (60; 158) than the second force absorption element.

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