

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

Title (de)  
VENTILPISTOLE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)  
PISTOLET À SOUPAPE POUR UN NETTOYEUR HAUTE PRESSION

Publication  
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Application  
**EP 16711822 A 20160323**

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Abstract (en)  
[origin: WO2017162282A1] The invention relates to a valve gun for a high-pressure cleaning device comprising a valve (24) which has a closing body (42) which is arranged on a valve tappet (44) and in a closed position rests tightly against a valve seat (40) and which is movable into an open position spaced apart from the valve seat (40) by pivoting of a trigger lever (52; 202) mounted pivotably about a first pivot axis (66). In the closed position of the closing body (42) the trigger lever (52; 202) adopts a rest position and in the open position of the closing body (42) the trigger lever adopts a release position and is mechanically coupled to the valve tappet (44) by means of a coupling lever (54; 216) mounted pivotably about a second pivot axis (86). A pivoting movement of the trigger lever (52; 202) can be transmitted to the coupling lever (54; 216) by means of a coupling member (74; 154; 208; 260) which is movable along a guide track (94; 152; 212; 252), and the guide track (94; 152; 212; 252) has a first end portion (96; 160; 218; 254), an intermediate portion (98; 162; 220; 256) and a second end portion (100; 164; 222; 258). In order to modify the valve gun in such a way that the valve gun has a simpler design in structural terms and nevertheless can be actuated by the user in a simple manner, the coupling member (74; 154; 208; 260) is movable during pivoting of the trigger lever (52; 202) from the rest position to the release position along the first end portion (96; 160; 218; 254), then along the intermediate portion (98; 162; 220; 256) and subsequently along the second end portion (100; 164; 222; 258), and the first end portion (96; 160; 218; 254) has a lesser inclination with respect to the pivoting direction of the trigger lever (52; 202) than the intermediate portion (98; 162; 220; 256).

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