

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

Title (de)
VENTILPISTOLE FÜR EIN HOCHDRUCKREINIGUNGSGERÄT

Title (fr)
PISTOLET À SOUPAPE POUR NETTOYEUR HAUTE PRESSION

Publication
EP 3454992 B1 20210707 (DE)

Application
EP 16722888 A 20160513

Priority
EP 2016060895 W 20160513

Abstract (en)
[origin: WO2017194169A1] The invention relates to a valve pistol (10, 120, 140) for a high-pressure cleaning device, comprising: a pistol housing (12), which has a handle (28); a valve (38), which is arranged in the pistol housing (12) in the flow path between a liquid inlet (48, 142) and a liquid outlet (22, 154) and which has a closing body (60), which lies against a valve seat (58) in a liquid-tight manner in a closed position and which can be moved into an open position by the displacement of a valve tappet (68); and a manually movable actuation element (70) for displacing the valve tappet (68), wherein the liquid outlet (22, 154) is arranged on a front side (20) of the pistol housing (12) and the actuation element (70) has an actuation surface (82, 166), which is arranged on a back side (84) of the handle (28) facing away from the liquid outlet (22, 154). In order to develop the valve pistol (10, 120, 140) in such a way that the valve pistol has a more simple design, the actuation element (70) according to the invention has a force application element (74, 128, 160) that can be applied to the valve tappet (68).

IPC 8 full level
B05B 1/30 (2006.01); **B05B 9/01** (2006.01); **B05B 12/00** (2018.01)

CPC (source: EP US)
B05B 1/3026 (2013.01 - EP); **B05B 9/01** (2013.01 - EP); **B05B 12/002** (2013.01 - EP US)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017194169 A1 20171116; WO 2017194169 A9 20180104; CN 109070107 A 20181221; CN 109070107 B 20210511;
DK 3454992 T3 20210920; EP 3454992 A1 20190320; EP 3454992 B1 20210707

DOCDB simple family (application)
EP 2016060895 W 20160513; CN 201680084621 A 20160513; DK 16722888 T 20160513; EP 16722888 A 20160513