

Title (en)
HIGH-PRESSURE CLEANING DEVICE

Title (de)
HOCHDRUCKREINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE HAUTE PRESSION

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Abstract (en)
[origin: WO2019001720A1] The invention relates to a high-pressure cleaning device (10) comprising a pump (14) which has a suction line (24) and a pressure line (30), said pressure line (30) being equipped with a nonreturn valve (34), and comprising an overflow valve (62) which is arranged in an overflow line (46) that connects the pressure line (30) upstream of the nonreturn valve (34) to the suction line (24) and which has an overflow valve element (64), the position of said valve element being controllable relative to a paired overflow valve seat (72) by means of an actuator (80) depending on the cleaning fluid pressure in the pressure line (30). The aim of the invention is to develop the high-pressure cleaning device (10) such that the opening process of a liquid dispensing element is simplified. According to the invention, this is achieved in that the high-pressure cleaning device (10) has a pressure relief valve (102), via which a flow path from the region of the pressure line (30) downstream of the nonreturn valve (34) to the suction line (24) can be released when a specified threshold pressure is exceeded.

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