

Title (en)
HIGH-PRESSURE CLEANING DEVICE

Title (de)
HOCHDRUCKREINIGUNGSGERÄT

Title (fr)
APPAREIL DE NETTOYAGE À HAUTE PRESSION

Publication
EP 2131970 A1 20091216 (DE)

Application
EP 08735129 A 20080410

Priority
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Abstract (en)
[origin: US2010059603A1] The invention relates to a high-pressure cleaning appliance with a high-pressure pump, comprising at least one pump chamber which is connected to a suction line and a pressure line. The pressure line is in flow connection with the suction line via a return flow line, and a relief valve with a through-channel extending from a valve inlet to a first valve outlet is arranged in the return flow line. A valve element which in a closed position bears against a valve seat is held for movement in the through-channel. At least one outlet channel, which opens into a second valve outlet, branches off from the through-channel. To design the high-pressure cleaning appliance so that it is less susceptible to failure, it is proposed that in the direction away from the valve seat, at a spacing from the at least one outlet channel, the valve element be surrounded by a sealing ring which seals off an inlet area of the through-channel adjacent to the valve inlet from an outlet area of the through-channel adjacent to the first valve outlet.

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