

Title (en)

Pressure and suction distributor for high pressure cleaning apparatus with an additional control valve

Title (de)

Druck-Saugverteiler eines Hochdruckreinigungsgerätes mit zusätzlichem Steuerventil

Title (fr)

Distributeur de pression/aspiration d'un appareil de nettoyage à haute pression avec valve de commande additionnelle

Publication

EP 0608796 B1 19970611 (DE)

Application

EP 94100936 A 19940124

Priority

DE 9300831 U 19930122

Abstract (en)

[origin: EP0608796A1] The present invention relates to a pressure and suction distributor for a high-pressure cleaning apparatus with low-pressure lines, in which water is fed to the high-pressure pump, and high-pressure lines, which run from the high-pressure pump to a spray nozzle, and with a control valve which is provided along the high-pressure lines to allow these to be shut off or opened selectively. In order to delay a pressure build-up in the high-pressure lines (2, 8) during the start-up process of the pump motor, the high-pressure lines (2, 8) in the pressure and suction distributor according to the invention are connected via a bypass line (14) that can be closed in a pressure-controlled manner to the low-pressure lines (6). Provided along this bypass line (14) is a bypass valve (9, 10, 11, 12, 13) which, as a function of the pressure, opens or closes a flow path (14) between the high-pressure lines (2, 8) and the low-pressure lines (6). <IMAGE>

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CPC (source: EP)

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Cited by

DE102009049094A1; CN102686882A; CN102537453A; EP0950215A4; US8439653B2; US8684699B2; US8790092B2; US8568109B2

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