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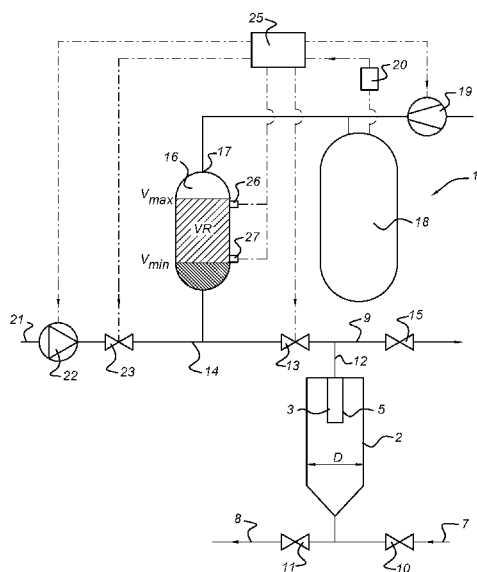
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(54) Title: FILTER DEVICE AND METHOD OF CLEANING A FILTER ELEMENT



(57) Abstract: The invention relates to a filter device comprising a filter

vessel with a fluid inlet for unfiltered liquid, a filter element in the filter vessel with a filter inlet that is in fluid communication with the vessel and with a filter outlet, the filter outlet being via a cleaning duct and a cleaning valve in fluid connection with a cleaning device, the cleaning device comprising a cleaning fluid chamber comprising a volume V_0 of cleaning fluid and a pressure chamber at a starting pressure P_0 , in fluid connection with the cleaning fluid chamber for supplying cleaning fluid from the cleaning fluid chamber to the filter outlet, via the cleaning duct, characterized in that a cleaning fluid supply line connected via a supply pump to the cleaning fluid chamber for supplying a volume V_r of cleaning fluid to the cleaning fluid chamber while the cleaning fluid chamber is in open fluid connection with the pressure chamber and the cleaning valve is closed so that the pressure in the pressure chamber rises to at or about the starting pressure P_0 .