

Title (en)
GAS DISTRIBUTOR FITTING AND METHOD FOR CONTROLLING THE GAS DISTRIBUTION FOR CLEANING IMMERSED FILTER ELEMENTS

Title (de)
GASVERTEILARMATUR SOWIE VERFAHREN ZUR STEUERUNG DER GASVERTEILUNG ZUR REINIGUNG VON GETAUCHTEN FILTERELEMENTEN

Title (fr)
ROBINETTERIE DE RÉPARTITION DE GAZ ET PROCÉDÉ POUR COMMANDER LA RÉPARTITION DE GAZ DANS LE BUT DE NETTOYER DES ÉLÉMENTS FILTRANTS IMMERGÉS

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Application
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Abstract (en)
[origin: CA2815901A1] The invention relates to a fitting for distributing a gas flow to two or more flow ducts, wherein the fitting has an inlet connecting piece (20) and two or more separate outlet connecting pieces (21, 22), wherein upstream of each outlet connecting piece (21, 22) there is arranged a disc valve, wherein the disc valve inserts (15, 16) of two or more disc valves are kinematically coupled, and to a method for cleaning filter elements (4) immersed in a basin (1), in particular diaphragm filters, by aeration of the filter elements by means of gas bubbles which are introduced into the basin (1) below the filter elements (4) via aerators (5), wherein a gas flow for aerating the filter elements (4) is generated by means of a blower (7), wherein the gas flow is distributed by means of a fitting to two or more aerators (5), wherein the distribution of the gas flow takes place discontinuously, such that a pulsed aeration of the filter elements (4) of varying duration takes place at irregular intervals.

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Citation (search report)
See references of WO 2012072247A2

Citation (examination)
• US 2004232076 A1 20041125 - ZHA FUFANG [AU], et al
• US 4859324 A 19890822 - LEVY GIDEON [CH], et al

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