

Title (en)
FILTER TO FILTER EQUALIZATION

Title (de)
FILTER-FILTER-AUSGLEICH

Title (fr)
ÉGALISATION DE FILTRE À FILTRE

Publication
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Application
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Abstract (en)
[origin: WO2007076867A1] The invention relates to an apparatus and a method for regenerating a filter comprising at least two filter units, and a plant where the apparatus for regenerating the filter is combined e.g. with an absorber or a compressor unit to remove pollutants such as volatile organic compounds from a gas stream. An apparatus according to the invention comprises at least two filter units (I, II, III) each receiving polluted gas through a first connection (11 +13, 12+14, 31, 32, 33) and each discharging cleaned gas through a second connection (15, 16, 28) and at least one third connection (20, 34, 35, 36) connects the at least two filters (I, II, III) in such a way that gas can flow from one filter to the other when a device (19, 5, 6, 29) allows for passage of a gas stream. The first and second connections each are provided with devices (1, 2, 3, 4, 23, 27) which allow for passage of a gas stream or block the gas stream, each filter (I, II, III) is working both at a higher pressure p1 and at a lower pressure p2, and the third connection or tertiary connections combine the entrance or discharge of one filter to the entrance of another filter.

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