

Title (en)

METHOD FOR SEPARATING MIXTURES OF SUBSTANCES USING A MATERIAL PERVIOUS TO SAID SUBSTANCES

Title (de)

VERFAHREN ZUR AUFTRENNUNG VON STOFFGEMISCHEN MITTELS EINES STOFFDURCHLÄSSIGEN WERKSTOFFES

Title (fr)

PROCEDE POUR LA SEPARATION DE MELANGES DE SUBSTANCES AU MOYEN D'UN MATERIAU PERMEABLE A CES SUBSTANCES

Publication

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Application

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Abstract (en)

[origin: WO9915257A1] The invention relates to a gas filter, a method for producing a gas filter and the use of said gas filter. The filtering of gases, especially gases containing solid impurities, such as automobile exhaust gases, is difficult since the solids which are filtered out gradually clog up the filter. The inventive gas filter can be used for longer periods since it can be regenerated. The invention is characterised in that the filter has a composite material which is easy to heat by means of applying a voltage to its electroconductive support material. Thermally decomposable substances which could block the filter are thus decomposed. The inventive filter can be used wherever gases containing thermally decomposable solid impurities need to be purified.

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