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(54) Title: CHEMICALLY ACTIVE FILTER MATERIAL

(57) Abstract: The present invention is an improved active filter material for use in removing target species such as NO_x from a fluid stream. The filter of the present invention employs chemically active particles attached to a porous substrate by means of a polymer adhesive. A microporous layer is attached to at least one side of, or within, the porous substrate. The resulting filter material removes contaminants, such as dust, from the filter stream before the dust can clog active catalytic sites, as well as remove undesirable species by means of catalysis or reaction.

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