

Abstract

5 A chemical filter unit, which comprises a filter medium
formed by laminating a plurality of fiber sheets and a housing
for containing the filter medium, and has a gas inlet open on one
face of the housing and a gas outlet open on the other face
substantially in opposite to the gas inlet, characterized in that
10 gas passages to allow the flow of the gas along the surfaces of
the fiber sheets are formed between the respectively adjacent
fiber sheets of the filter medium from the gas inlet to the gas
outlet, and that the adsorption capacity of the filter medium is
300 eq/m³ or more.

15 It is preferable that the fibers constituting the fiber
sheets are ion exchange fibers.