

Abstract**ALGAE-BASED BIOMASS MATERIAL FOR EFFLUENT GAS STREAM AND
ASSOCIATED METHOD AND APPARATUS**

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Provided is a biomass material for treating an effluent gas stream, comprising an algae biomass in an amount of from 40 weight % to 90 weight % based on a total weight of the biomass material and a zeolite in an amount of from 10 weight % to 60 weight % based on a total weight of the biomass material.

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[FIG. 4]