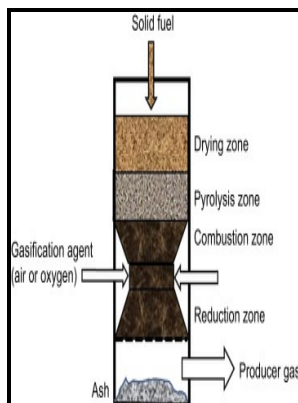


# Formation and removal of biomass-derived contaminants in fluidized-bed gasification processes.

## - - Cyclone design for fluidized bed biomass gasifiers (Conference)



Description: -

-Formation and removal of biomass-derived contaminants in fluidized-bed gasification processes.

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The GC uses a thermal conductivity detector TCD and helium as carrier gas with an installed column comprising a packed molecular sieve 5A. This paper presents the investigations and exptl. In some cases, there are indications of fungal specific selection in fungus-associated bacteria, and possible mechanisms for such selection are discussed.

## Phyllis2

Gasification, one of the thermo-chemical conversions, can be a highly efficient conversion process that offers the possibility to convert various feedstocks to a wide variety of products. Cleaning of tar and other contaminants from product gas, biopower generation, reforming and conversion to biofuels constitute the downstream processing operations.

## CN103534340A

With the introduction of fossil fuels in the forms of coal, petroleum and natural gas, the world increasingly became dependent on these fossil fuel sources. Cold flow model investigations of the countercurrent flow of a dual circulating fluidized bed gasifier. These tremendous increases have led to many concerns.

## Gas cleaning strategies for biomass gasification product gas

Effect of superficial velocity on tar from downdraft gasification of biomass. This indicates that changes in gas properties due to changes in the bed temperature affect the pressure drop in the fluidized state.

## Gas cleaning strategies for biomass gasification product gas

Steam reforming of biomass tar using ilmenite as a catalyst.



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