GAS DISTRIBUTOR FOR A STACKED PARTICLE BIOREACTOR

ABSTRACT

The invention relates to gas distributor (1) for a stacked particle bioreactor which produces synfuels from biodegradable carbonaceous material comprising a pipe having a series of apertures (3) through the wall of the pipe, with the series of apertures configured operatively to face downwards in the stacked particle bioreactor, and to be located in an indentation (2) in the outer wall of the pipe. The invention also extends to a stacked particle bioreactor, method of forming a stacked particle bioreactor, and a method of producing gaseous fuel from biodegradable carbonaceous material using a stacked particle which utilizes such a gas distributor.

[Fig. 1A]