



IMPROVED BIOLOGICAL PRODUCTION OF HYDROGEN AND CO-PRODUCTION OF METHANE

ABSTRACT

[0032] A system for producing hydrogen and co-producing methane comprising: a pre-processor, the pre-processor further comprising a pre-treatment module and a first solid-liquid separator; and a processor comprising a hydrogen fermenter and a methane digester; wherein the pre-processor for receiving a biological waste stream and for producing at least one pre-processed output, the processor for receiving the at least one pre-processed output for production of hydrogen and co-production of methane.

[0033] FIG.1 accompanies the abstract.



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