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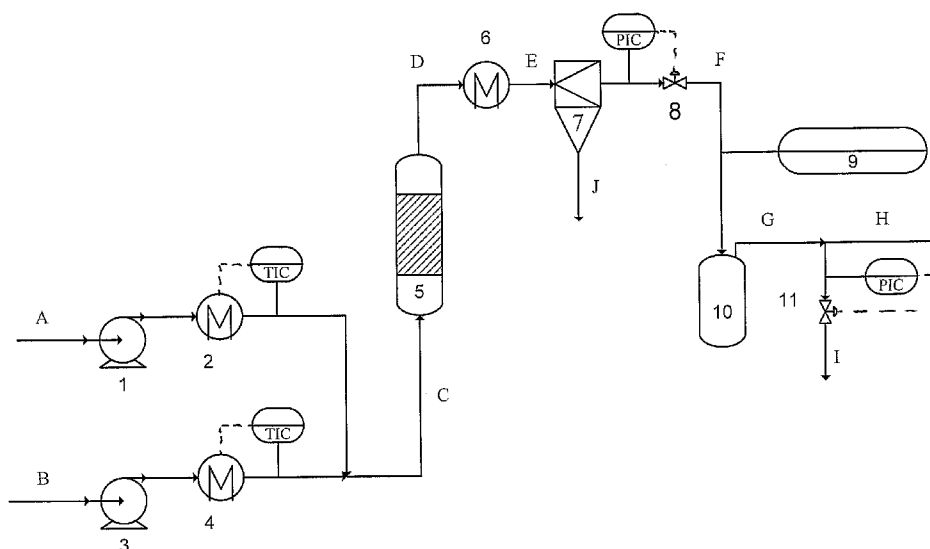
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(54) Title: METHOD AND APPARATUS FOR CONVERTING ORGANIC MATERIAL



(57) Abstract: The present invention relates to a method and apparatus for intensifying the energy content of an organic material by converting the material into hydrocarbons and the resulting product thereof. A method for converting an organic material into hydrocarbon fuels is disclosed. The method comprising the steps of pressurising said organic material being in a fluid to a pressure above 225 bar, heating said organic material in said fluid to a temperature above 200 C in the presence of a homogeneous catalyst comprising a compound of at least one element of group IA of the periodic table of elements. The disclosed method further comprises the steps of contacting said organic material in said fluid with a heterogeneous catalyst comprising a compound of at least one element of group IVB of the periodic table and/or alpha-alumina assuring that said fluid has initially a pH value of above 7.



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