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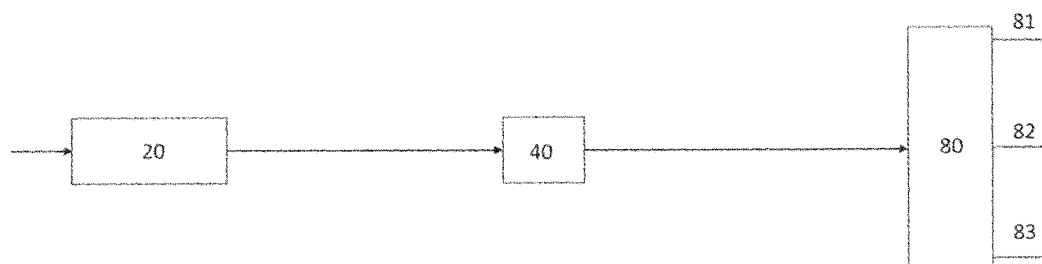


Fig. 1

(57) Abstract: The present invention relates to a method for producing fuel and additional hydrocarbons from waste plastic comprising the steps of providing at least one plastic material; exposing said at least one plastic material to a primary cracking to obtain a first hydrocarbon fluid; said first hydrocarbon fluid being a gas; exposing said first hydrocarbon gas to a catalytic hydrogenation to obtain a second hydrocarbon fluid; fractional separation of said second hydrocarbon fluid to obtain at least one final product. The present invention further relates to a waste recycling system for recycling waste plastic into fluid hydrocarbon compounds.

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