

Title (en)  
PRODUCTION OF HYDROCARBON FUELS FROM WASTE PLASTIC

Title (de)  
HERSTELLUNG VON KOHLENWASSERSTOFFBRENNSTOFFEN AUS KUNSTSTOFFABFÄLLEN

Title (fr)  
PRODUCTION DE COMBUSTIBLES HYDROCARBONÉS À PARTIR DE DÉCHETS PLASTIQUES

Publication  
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Application  
**EP 19737518 A 20190705**

Priority

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Abstract (en)  
[origin: WO2020008050A1] 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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US 2016264874 A1 20160915 - NARAYANASWAMY RAVICHANDER [IN], et al

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