

Title (en)
HYDROCARBON FLUIDS

Title (de)
KOHLENWASSERSTOFFFLÜSSIGKEITEN

Title (fr)
FLUIDES HYDROCARBONÉS

Publication
EP 4232526 A1 20230830 (EN)

Application
EP 21794393 A 20211021

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• US 202063104876 P 20201023
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Abstract (en)
[origin: WO2022084433A1] Provided herein is a method for producing a hydrocarbon fluid from waste plastic feedstock, comprising (a) providing a first hydrocarbon feed stream, wherein at least 50 wt% of said first hydrocarbon feed stream is obtained from pyrolysis of plastic waste; (b) removing contaminants from said first hydrocarbon feed stream using a washing step with a polar solvent and/or contacting the stream with one or more adsorbents; thereby obtaining a first hydrocarbon fluid; and (c) hydrogenation of olefins and diolefins in said first hydrocarbon fluid; thereby obtaining a hydroprocessed hydrocarbon fluid containing less than 0.1 wt% olefins; a total amount of metals selected from mercury, lead, and iron below 5 wppm; less than 5 wppm of chlorine and fluorine; and less than 5 wppm of sulfur.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
See references of WO 2022084433A1

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