

Title (en)
PRODUCTION OF VAPOUR-CRACKING LOADS WITH A HIGH YIELD OF THE RESULTING ETHYLENE, PROPYLENE AND POLYMERS BY HYDROPROCESSING OF VEGETABLE OILS

Title (de)
HERSTELLUNG DAMPFBRECHENDER LASTEN MIT EINEM ERTRAG DARAUS RESULTIERENDER ETHYLENE, PROPYLENE UND POLYMERE DURCH HYDRIERUNG VON PFLANZENÖLEN

Title (fr)
PRODUCTION DE CHARGES DE VAPOCRAQUAGE A HAUT RENDEMENT EN ETHYLENE, PROPYLENE ET POLYMERES RESULTANTS PAR HYDROTRAITEMENT D'HUILE VEGETALES

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Application
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Abstract (en)
[origin: WO2009004181A2] The invention relates to a method for processing a load from a renewable source that comprises a hydroprocessing step in the presence of a fixed-bed catalyst, said catalyst including a hydro-dehydrogenation function and an amorphous substrate, at a temperature of between 50 and 450 °C, under a pressure of between 1 and 10 MPa, at a hourly space rate of between 0.1 h⁻¹ and 10 h⁻¹ and in the presence of a total amount of hydrogen mixed with the load such that the hydrogen/load ratio ranges 50 to 1000 Nm³ of hydrogen / m³ of load, followed by the separation from the hydro-processed effluent from step a) of the hydrogen, gases and at least one hydrocarbon liquid effluent including at least 50 % of linear n-paraffins, and the vapour-cracking of at least a portion of the liquid hydrocarbon effluent from step b).

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