

Title (en)

PROCESS FOR CONVERTING A BIOMASS FEEDSTOCK INTO AT LEAST A LIQUID HYDROCARBON PRODUCT

Title (de)

VERFAHREN ZUR UMWANDLUNG EINES BIOMASSEROHSTOFFS IN MINDESTENS EIN FLÜSSIGES KOHLENWASSERSTOFFPRODUKT

Title (fr)

PROCÉDÉ DE CONVERSION D'UNE CHARGE DE DÉPART DE TYPE BIOMASSE EN AU MOINS UN PRODUIT DE TYPE HYDROCARBURE LIQUIDE

Publication

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Application

EP 14734939 A 20140613

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Abstract (en)

[origin: WO2014204302A1] The invention provides a process for converting a biomass feedstock into at least a liquid hydrocarbon product wherein a biomass feedstock is provided and converted into at least a liquid hydrocarbon product by means of pyrolysis in the presence of a deoxygenation catalyst not comprising a transition metal as catalytically active component, followed by a hydrodeoxygenation step over a hydrodeoxygenation catalyst, wherein the hydrogen needed in the hydrodeoxygenation step is obtained by means of sorption-enhanced water-gas shift conversion of pyrolysis gas produced in the process.

IPC 8 full level

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