

Title (en)
METHOD FOR THE HYDROPROCESSING AND HYDROISOMERISATION OF OILS ORIGINATING FROM RENEWABLE SOURCES, USING A MODIFIED ZEOLITE

Title (de)
VERFAHREN ZUR HYDROVERARBEITUNG UND HYDROISOMERISIERUNG VON ÖLEN AUS ERNEUERBAREN QUELLEN MITHILFE EINES MODIFIZIERTEN ZEOLITHS

Title (fr)
PROCEDE D'HYDROTRAITEMENT ET D'HYDROISOMERISATION DES HUILES ISSUES DE SOURCE RENOUVELABLE METTANT EN OEUVRE UNE ZEOLITHE MODIFIEE

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Application
EP 10781926 A 20101006

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Abstract (en)
[origin: US2011087059A1] This invention describes a process for treatment of feedstocks obtained from a renewable source implementing a catalyst that comprises at least one hydro-dehydrogenating metal that is selected from the group that is formed by the metals of group VIB and group VIII of the periodic table and a substrate that comprises at least one zeolite that has at least one series of channels whose opening is defined by a ring with 8 oxygen atoms modified by a) at least one stage for introducing at least one alkaline cation that belongs to group IA or IIA of the periodic table, b) a stage for treating said zeolite in the presence of at least one molecular compound that contains at least one silicon atom, c) at least one stage of partial exchange of said alkaline cations by NH₄⁺ cations, and d) at least one heat treatment stage.

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