

Title (en)

REDUCING THE SIZE OF AN SMR UNIT OF A GTL UNIT USING HYDROGEN OF A RESIDUE GAS

Title (de)

VERRINGERUNG DER GRÖSSE EINER SMR-EINHEIT EINER GTL-EINHEIT UNTER VERWENDUNG VON WASSERSTOFF EINES RESTGASES

Title (fr)

REDUCTION DE TAILLE D'UNE UNITE SMR D'UNE UNITE GTL PAR UTILISATION DE L'HYDROGENE D'UN GAZ RESIDUAIRE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2007031668A1] The invention concerns a method for converting hydrocarbon-containing gases or solid fuels into hydrocarbon-containing liquids which consists in: in a first step, converting the hydrocarbon-containing gases or solid fuels into syngas; in a second step, performing a Fischer-Tropsch process, said Fischer-Tropsch process producing a residue gas comprising hydrogen; in a third step, hydrocracking by means of a hydrogenated gas, wherein the hydrogenated gas is produced by a PSA purifying process of the residue gas derived from the Fischer-Tropsch process and a hydrogen-rich gas effluent derived from a methane steam-reforming unit.

IPC 8 full level

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