

Title (en)
METHOD FOR PRODUCING MIDDLE DISTILLATES BY HYDROISOMERISATION AND HYDROCRACKING OF A HEAVY FRACTION FROM A FISCHER-TROPSCH EFFLUENT

Title (de)
VERFAHREN ZUR HERSTELLUNG VON MITTELDESTILLATEN DURCH HYDROISOMERISIERUNG UND HYDROCRACKING EINES SCHWEREN TEILS AUS EINER FISCHER-TROPSCH-EFFLUENZ

Title (fr)
PROCEDE DE PRODUCTION DE DISTILLATS MOYENS PAR HYDROISOMERISATION ET HYDROCRAQUAGE D'UNE FRACTION LOURDE ISSUE D'UN EFFLUENT FISCHER-TROPSCH

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Application
EP 08805641 A 20080603

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Abstract (en)
[origin: WO2009004179A2] The invention relates to a method in which the paraffin effluent from a Fischer-Tropsch synthesis unit is separated in order to obtain a C5+ heavy fraction, said heavy fraction being then hydrogenated in the presence of a hydrogenation catalyst at a temperature of between 80°C and 200°C, at a global pressure of between 0.5 and 6 MPa, at an hourly volumetric rate of between 1 and 10h⁻¹, and at a hydrogen flow rate corresponding to a volumetric hydrogen/hydrocarbon ratio of between 5 and 80 NI/l/h, the liquid hydrogenated effluent being then contacted with a hydroisomerisation / hydrocracking catalyst without any preliminary separation step, the hydroisomerised/hydrocracked effluent being then distilled for obtaining the middle distillates and optionally oil bases.

IPC 8 full level
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CPC (source: EP US)
C10G 45/00 (2013.01 - EP US); **C10G 45/58** (2013.01 - EP US); **C10G 65/043** (2013.01 - EP US)

Citation (search report)
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