

Title (en)

METHOD FOR REDUCING SULPHUR COMPOUND CONTENT IN A LIGHT FRACTION

Title (de)

VERFAHREN ZUR VERRINGERUNG DES GEHALTS AN SCHWEFELVERBINDUNGEN IN EINER LEICHTEN FRAKTION

Title (fr)

PROCEDE DE REDUCTION DE LA TENEUR EN COMPOSES SOUFRES D'UNE COUPE PETROLIERE LEGERE

Publication

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Application

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Abstract (en)

[origin: WO03018718A1] The invention concerns a method comprising the following three successive phases: a) contacting the fraction with an adsorbent mass at a temperature ranging between 20 and 60 DEG C and under absolute pressure higher than 3.10×10^{-5} Pa, so that the fraction is in liquid state; b) contacting the adsorbent mass loaded with said sulphur compounds with a desorbing gas, at a temperature ranging between 20 and 150 DEG C, under absolute pressure less than 2.10×10^{-5} Pa; c) compressing the gas effluent comprising the sulphur compounds, at absolute pressure ranging between 2.10×10^{-5} Pa and 6.10×10^{-5} Pa; d) contacting the compressed gas effluent with an absorbent hydrocarbon in conditions suitable for absorption of the gaseous sulphur compounds with liquid hydrocarbon.

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