

Title (en)

METHOD FOR PRODUCING DESULPHURISED PETROL FROM A PETROLEUM FRACTION CONTAINING CRACKED PETROL

Title (de)

VERFAHREN ZUR HERSTELLUNG VON ENTSCWEFELTEM BENZIN AUS EINEM CRACKBENZIN ENTHALTENDEM BENZIN

Title (fr)

PROCEDE DE PRODUCTION D'UNE ESSENCE DESULFUREE A PARTIR D'UNE COUPE ESSENCE CONTENANT DE L'ESSENCE DE CRAQUAGE

Publication

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Application

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Abstract (en)

[origin: WO02072740A1] The invention relates to a method for producing low-sulphur petrol from an initial petrol containing sulphur compounds comprising the following steps: a) the selective hydrogenation of the non-aromatic polyunsaturated compounds present in the initial petrol; b) increasing the molecular weight of the light sulphur products that were initially present in the petrol at the beginning of step b); c) the alkylation of at least part of the sulphur compounds present in the product resulting from step b); d) the fractionation of the petrol resulting from step c) into at least two fractions, one of said fractions being practically free of sulphur compounds and the other containing a larger proportion of sulphur compounds (heavy petrol); e) the catalytic treatment of the heavy petrol to transform the sulphur compounds in conditions that allow the, at least partial, decomposition or hydrogenation of said sulphur compounds.

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