

Title (en)

Process for the transformation of gas-oils in order to produce dearomised and desulphurised high cetane carburants

Title (de)

Verfahren zur Umwandlung von Gasöl zur Herstellung eines desaromatisierten und entschwefelten Brennstoffes mit hoher Cetanzahl

Title (fr)

Procédé de transformation d'une coupe gazole pour produire un carburant à haut indice de cétane, désaromatisé et désulfuré

Publication

**EP 0849350 B1 20050413 (FR)**

Application

**EP 97402996 A 19971210**

Priority

FR 9615929 A 19961220

Abstract (en)

[origin: EP0849350A1] The transformation of gasoline feed to produce a dearomatised and a desulfurated fuel with high cetane index is claimed. It consists of: (a) desulfuration and denitrogenation step where the gasoline charge and hydrogen are passed onto a catalyst containing a mineral support, a metal or a metallic compound from group VIB at 0.5-40 wt.% w.r.t. the catalyst a metal or a metallic compound from group VIII at 0.1-30 wt.% w.r.t. the catalyst phosphorous or a phosphorous compound at 0.01-20% expressed in weight of P2O5 w.r.t. the support (b) dearomatisation step, where part of the product resulting from step (a) is passed onto a mineral support containing a precious or a compound of a precious metal from group VIII at 0.01-20% expressed in weight of metal w.r.t. weight of catalyst.

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CPC (source: EP KR US)

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