

Title (en)

METHOD FOR PURIFYING MINERAL OIL FRACTIONS AND DEVICE SUITABLE FOR CONDUCTING SAID METHOD

Title (de)

VERFAHREN ZUR REINIGUNG VON MINERALÖLFRAKTIONEN SOWIE ZUR DURCHFÜHRUNG DES VERFAHRENS GEEIGNETE VORRICHTUNG

Title (fr)

PROCÉDÉ DE PURIFICATION DE FRACTIONS D'HUILE MINÉRALE ET DISPOSITIF DESTINÉ À LA RÉALISATION DU PROCÉDÉ

Publication

**EP 2193182 A2 20100609 (DE)**

Application

**EP 08801323 A 20080911**

Priority

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Abstract (en)

[origin: WO2009039828A2] The invention relates to a method for reducing the organic sulfur content in a liquid fuel containing sulfur, wherein the fuel containing sulfur is first placed in contact with a gas comprising hydrogen in a presaturator, and the hydrogen-enriched liquid fuel is subsequently brought into contact with a suitable adsorbent in a reactor, said adsorbent being able to adsorb at least a portion of the sulfur or sulfur compound from the fuel on the surface. Contact with the adsorbent may advantageously occur not only at temperatures around 400 °C, but also at moderate temperatures down to room temperature because the use of liquid fuel provides a very good contact between the fuel and the surface of the adsorbent, and therefore for the reduction of the sulfur content.

IPC 8 full level

**C10G 45/22** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2009039828A2

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