

Title (en)
METHOD FOR HYDROTREATMENT OF A HEAVY HYDROCARBON FRACTION WITH SWITCHABLE REACTORS AND REACTORS CAPABLE OF BEING SHORTED OUT

Title (de)
WASSERSTOFFBEHANDLUNGSVERFAHREN EINER SCHWEREN KOHLENWASSERSTOFFFRAKTION MIT SCHALTbaren UND KURZSCHLIESSbaren REAKTOREN

Title (fr)
PROCEDE D'HYDROTRAITEMENT D'UNE FRACTION LOURDE D'HYDROCARBURES AVEC DES REACTEURS PERMUTABLES ET DES REACTEURS COURT-CIRCUITABLES

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Application
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Priority
FR 0003472 W 20001211

Abstract (en)
[origin: WO0248288A1] The invention concerns a method for hydrotreating a heavy hydrocarbon fraction in a first hydrodemetallation section, then in a second hydrodesulphurization section into which the effluent is made to pass from the first section. The hydrodemetallation section is preceded by at least a guard zone. Said hydrotreatment comprises the following steps: a) a step, wherein the guard zone is used; b) a step, during which the guard zone is shorted out and the catalyst it contains is regenerated and/or replaced; c) a step, during which the guard zone whereof the catalyst has been regenerated and/or replaced is re-connected; d) a step during which at least one of the reactors of the hydrodemetallation section and/or of the hydrodesulphurization section can be shorted out and the catalyst it contains regenerated and/or replaced.

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Citation (search report)
See references of WO 0248288A1

Cited by
FR3014897A1; EA032845B1; US9650580B2; WO2013083883A1; WO2014096704A1; WO2014096703A1; WO2013057389A1; WO2015091033A1

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