Title (en)
PROCESSING OF ACTIVATED HEAVY HYDROCARBON FEEDS.

Title (de)
BEHANDLUNG VON AKTIVIERTEN SCHWEREN KOHLENWASSERSTOFFEN.

Title (fr)
TRAITEMENT D'HYDROCARBURES LOURDS ACTIVES D'ALIMENTATION.

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Application
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Abstract (en)
[origin: WO8801638A1] Activation of heavy hydrocarbon feeds, preferably by thermal treatment, improves downstream catalytic processing. One embodiment of such thermal treatment is shown in figure 2. A hydrocarbon resid (209) is first pretreated in a microwave heater (211). The pretreated resid is then admixed with catalyst and light hydrocarbons wherein the mixture is passed up through a riser reactor (206). In the riser reactor the pretreated resid is catalytically cracked. Another mode of thermal pretreatment of the hydrocarbon feed is visbreaking. This is shown in figure 4.

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Citation (search report)
- [Y] EP 0101553 A2 19840229 - ASHLAND OIL INC [US]
- [Y] EP 0074501 A2 19830323 - ASHLAND OIL INC [US]
- [Y] EP 0171460 A1 19860219 - ASHLAND OIL INC [US]
- [Y] EP 0127285 A2 19841205 - MOBIL OIL CORP [US]
- See references of WO 8801638A1

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