

Title (en)
PROCESS AND DEVICE FOR GENERATING MIDDLE DISTILLATE FROM HYDROCARBONACEOUS ENERGY SOURCES

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ERZEUGUNG VON MITTELDESTILLAT AUS KOHLENWASSERSTOFFHALTIGEN ENERGIETRÄGERN

Title (fr)
PROCÉDÉ ET DISPOSITIF DE PRODUCTION DE DISTILLAT MOYEN À PARTIR DE PORTEURS D'ÉNERGIE RENFERMANT DES HYDROCARBURES

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Application
EP 08869687 A 20081222

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Abstract (en)
[origin: CA2709755A1] The invention relates to a process for generating middle distillate (2) from hydrocarbonaceous energy sources (1), wherein at least one hydrocarbonaceous energy source (1), if appropriate at least one catalyst (1a) and if appropriate at least one filler (1b) are fed as input material (12) to a reactor (11) which contains a process oil mixture (54), wherein a process oil mixed stream (56) is removed from the reactor (11) and heated to a process temperature between 150°C and 400°C, preferably between 350°C and 380°C, wherein the heated process oil mixed stream (67, 68) is fed to a degasser (37), wherein vaporous middle distillate (2) is separated in the degasser (37) from the heated process oil mixed stream (67, 68) and wherein a process oil mixed stream (55) which is expanded from the vaporous middle distillate (2) is recirculated from the degasser (37) to the process oil mixture (54) which is present in the reactor (11).

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