

Title (en)
COKING RESIDUUM IN THE PRESENCE OF HYDROGEN DONOR

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EP 0156614 A3 19870805 (EN)

Application
EP 85301883 A 19850319

Priority
CA 450003 A 19840320

Abstract (en)
[origin: EP0156614A2] The present invention provides a method for treating heavy hydrocarbonaceous oil feedstock, comprising: (a) heating said feedstock to a temperature from 420 DEG C to 500 DEG C in a heating zone to form a reaction mass; (b) maintaining said reaction in a coking zone at a temperature from 400 DEG C to 490 DEG C and pressure from 101 kPa to 600 kPa for a residence time of from 5 to 60 minutes; and (c) recovering liquid hydrocarbon products and coke from said coking zone. characterised in that: prior to said heating step, said heavy hydrocarbonaceous feedstock is mixed with a hydrogen-donating hydrocarbon diluent boiling in a range from 180 DEG C to 400 DEG C at atmospheric pressure in a ratio to said feedstock of .02:1 to 1.0:1 by weight in a mixing zone.

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CPC (source: EP)
C10B 55/00 (2013.01); **C10B 57/045** (2013.01); **C10G 9/005** (2013.01)

Citation (search report)
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