

Title (en)

Process for upgrading a hydrocarbonaceous feedstock.

Title (de)

Verfahren zur Aufarbeitung eines Kohlenwasserstoffeinsatzes.

Title (fr)

Procédé d'amélioration d'une charge hydrocarbonée.

Publication

**EP 0554945 A1 19930811 (EN)**

Application

**EP 93200230 A 19930128**

Priority

EP 92200272 A 19920130

Abstract (en)

Process for upgrading a hydrocarbonaceous feedstock substantially boiling in the gasoline range, which process comprises: a) separating the feedstock into a first hydrocarbon feed stream comprising C6 and smaller hydrocarbons, a second hydrocarbon feed stream comprising hydrocarbons of the C6-C10 range and a third hydrocarbon feed stream comprising C8 and greater hydrocarbons; b) subjecting at least part of the third hydrocarbon feed stream to a reforming step to produce a reformat stream; c) subjecting at least part of both the second hydrocarbon feed stream and the reformat stream to a separation treatment wherein normal paraffins and optionally mono-isoparaffins are separated from di-isoparaffins; and d) recovering therefrom (a) hydrocarbon product stream(s) comprising normal paraffins and optionally mono-isoparaffins and (a) hydrocarbon product streams comprising di-isoparaffins.

IPC 1-7

**C10G 61/06**

IPC 8 full level

**C10G 35/00** (2006.01); **C10G 35/24** (2006.01); **C10G 61/06** (2006.01)

CPC (source: EP)

**C10G 61/06** (2013.01)

Citation (search report)

- [A] EP 0462673 A1 19911227 - SHELL INT RESEARCH [NL]
- [A] US 2935539 A 19600503 - MERLE GLADROW ELROY, et al
- [A] US 3785955 A 19740115 - DAVIS W
- [A] US 2944001 A 19600705 - KIMBERLIN JR CHARLES NEWTON, et al
- [AP] US 5107052 A 19920421 - MCCULLOCH BETH [US], et al

Cited by

EP0629681A1; CN103717713A; US8808534B2; WO2013016008A1

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