

Title (en)

DUAL RISER FLUID CATALYTIC CRACKING PROCESS

Publication

**EP 0142900 A3 19860122 (EN)**

Application

**EP 84201664 A 19841116**

Priority

US 55446983 A 19831122

Abstract (en)

[origin: EP0142900A2] An improved fluid catalytic cracking process for achieving high conversions of low quality feedstocks (containing metal contaminants, basic nitrogen and/or coke precursors) at relatively low severities, by passing the feedstock in series through a dual riser reactor system having a common catalyst stripper and regenerator, in contact with freshly regenerated catalyst which is passed in parallel from the regenerator through each of the riser reactors.

IPC 1-7

**C10G 11/18; C10G 51/02**

IPC 8 full level

**C10G 11/00** (2006.01); **C10G 11/18** (2006.01); **C10G 51/02** (2006.01)

CPC (source: EP)

**C10G 11/18** (2013.01); **C10G 51/026** (2013.01)

Citation (search report)

- [Y] FR 2378847 A1 19780825 - MELIK AKHNAZAROV TALYAT [SU]
- [Y] GB 1438795 A 19760609 - TEXACO DEVELOPMENT CORP
- [Y] US 3894933 A 19750715 - OWEN HARTLEY, et al
- [A] US 4073717 A 19780214 - ALIEV VAGAB SAFAROVICH, et al
- [AD] US 4090949 A 19780523 - OWEN HARTLEY, et al
- [Y] EP 0076889 A1 19830420 - ASHLAND OIL INC [US]

Cited by

CN100448953C; US8877042B2; US7029571B1; US8124020B2; WO0160951A1; WO2023245200A1; EP3106504A1; US10329223B2; US9458394B2; US8124822B2; US9896627B2

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JP S60144388 A 19850730; NL 8403539 A 19850617

DOCDB simple family (application)

**EP 84201664 A 19841116; CA 467099 A 19841106; DE 3479427 T 19841116; JP 24356084 A 19841120; NL 8403539 A 19841121**