

Title (en)

Process for hydroisomerization of waxy hydrocarbon feeds over a slurried catalyst

Title (de)

Hydroisomerisierungsverfahren für wachsenthaltende Kohlenwasserstoffeinsätze

Title (fr)

Procédé d'hydro-isomérisation de charges hydrocarbonées cireuses avec des catalyseurs en suspension

Publication

**EP 0753563 A1 19970115 (EN)**

Application

**EP 96110796 A 19960704**

Priority

US 50233695 A 19950714

Abstract (en)

A hydroisomerization process for the conversion of a C5+ paraffinic feedstock, especially a Fischer-Tropsch wax, and hydrogen, to middle distillates by contact thereof at hydroisomerization reaction conditions with a catalyst comprised of a Group IB metal, a Group VIB metal, a Group VIII metal, or mixture of two or more of said metals, supported on silica-alumina slurried in a paraffinic liquid. The catalyst particles are contained in the slurry in concentration greater than about 10 wt.%, preferably greater than about 25 wt.%, and the average diameter of the particles range from about 30  $\mu$ m to about 150  $\mu$ m, preferably from about 40  $\mu$ m to about 60  $\mu$ m.

IPC 1-7

**C10G 45/66**

IPC 8 full level

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CPC (source: EP)

**C10G 45/66** (2013.01)

Citation (search report)

- [DY] US 5378348 A 19950103 - DAVIS STEPHEN M [US], et al
- [Y] US 4647369 A 19870303 - KAM ANTHONY Y [US], et al

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US6077419A; EP0811671A3; GB2455995B; GB2455995A; EP1291407A1

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DOCDB simple family (publication)

**EP 0753563 A1 19970115**; **EP 0753563 B1 19991103**; AU 6051196 A 19970123; AU 702829 B2 19990304; CA 2179093 A1 19970115; DE 69604978 D1 19991209; DE 69604978 T2 20000504; JP 3860863 B2 20061220; JP H09169984 A 19970630; MY 115196 A 20030430; NO 962940 D0 19960712; NO 962940 L 19970115; SG 67953 A1 19991019

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**EP 96110796 A 19960704**; AU 6051196 A 19960712; CA 2179093 A 19960613; DE 69604978 T 19960704; JP 19982196 A 19960710; MY PI9602470 A 19960619; NO 962940 A 19960712; SG 1996010245 A 19960713