

Title (en)

PROCESS FOR IMPROVING BASESTOCK LOW TEMPERATURE PERFORMANCE USING A COMBINATION CATALYST SYSTEM

Title (de)

VERFAHREN ZUR VERBESSERUNG DER TIEFTEMPERATURLEISTUNGSFÄHIGKEIT EINER GRUNDSUBSTANZ MIT HILFE EINES KOMBINIERTEN KATALYSATORSYSTEMS

Title (fr)

PROCEDE D'AMELIORATION DES PERFORMANCES D'UNE MATIERE DE BASE, A BASSE TEMPERATURE, A L'AIDE D'UN SYSTEME CATALYSEUR COMBINE

Publication

EP 1054938 A4 20041201 (EN)

Application

EP 99906941 A 19990212

Priority

- US 9903006 W 19990212
- US 7472298 P 19980213

Abstract (en)

[origin: WO9941334A1] Waxy feeds are converted to a basestock using a unitized mixed powdered pellet catalyst comprising a metal hydrogenation component on a support having a first dewaxing component and a second isomerization component, wherein the first component is selected from 10 and 12 ring molecular sieves and mixtures thereof and the second component is an amorphous inorganic oxide. The first and second components are present in a ratio sufficient to promote wax isomerization and naphthene distractions without substantial decrease in VI.

IPC 1-7

C10G 71/00; **C10G 35/04**; **C10G 35/06**; **C10G 35/085**; **C10G 35/095**; **C07C 5/00**; **C07C 5/13**; **C07C 5/22**; **C10G 45/64**

IPC 8 full level

C07C 5/00 (2006.01); **C07C 5/13** (2006.01); **C07C 5/22** (2006.01); **C10G 35/04** (2006.01); **C10G 35/06** (2006.01); **C10G 35/085** (2006.01); **C10G 35/095** (2006.01); **C10G 45/64** (2006.01); **C10G 65/04** (2006.01); **C10G 67/04** (2006.01); **C10G 71/00** (2006.01)

CPC (source: EP)

C10G 45/64 (2013.01); **C10G 2400/10** (2013.01)

Citation (search report)

- [X] WO 9616142 A1 19960530 - EXXON RESEARCH ENGINEERING CO [US]
- [X] US 5332490 A 19940726 - TAYLOR JR ROBERT J [US], et al
- [X] US 4600497 A 19860715 - WARD JOHN W [US], et al
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- [X] US 4428862 A 19840131 - WARD JOHN W [US], et al
- See references of WO 9941334A1

Designated contracting state (EPC)

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WO 9941334 A1 19990819; AU 2673499 A 19990830; AU 743235 B2 20020124; CA 2320106 A1 19990819; EP 1054938 A1 20001129; EP 1054938 A4 20041201; JP 2002503754 A 20020205

DOCDB simple family (application)

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