

Title (en)

PRODUCTION OF LOW SULFUR/LOW AROMATICS DISTILLATES

Title (de)

HERSTELLUNG VON DESTILLATEN MIT NIEDRIGEM SCHWEFEL- UND AROMATENGEGHALT

Title (fr)

PRODUCTION DE DISTILLATS A FAIBLE TENEUR EN SOUFRE ET EN COMPOSES AROMATIQUES

Publication

EP 1409612 A4 20040616 (EN)

Application

EP 01925060 A 20010417

Priority

- US 0112517 W 20010417
- US 55337400 A 20000420

Abstract (en)

[origin: WO0181507A1] A process for producing distillate boiling range streams that are low in both sulfur and aromatics. A distillate feedstock is treated in a first hydrodesulfurization stage in the presence of a hydrogen-containing treat gas and a hydrodesulfurization catalyst, thereby resulting in partial desulfurization of the stream. The partially desulfurized distillate stream is then treated in a second hydrodesulfurization stage, also in the presence of a hydrogen-containing treat gas and a hydrodesulfurization catalyst. The hydrogen-containing treat gas is cascaded from the next downstream reaction stage, which is an aromatics hydrogenation stage.

IPC 1-7

C10G 45/00; **C10G 65/08**

IPC 8 full level

C10G 65/04 (2006.01); **C10G 45/08** (2006.01); **C10G 45/10** (2006.01); **C10G 45/52** (2006.01); **C10G 65/08** (2006.01)

CPC (source: EP)

C10G 65/08 (2013.01); **C10G 2300/1037** (2013.01); **C10G 2300/202** (2013.01); **C10G 2300/4081** (2013.01); **C10G 2300/80** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 0181507A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0181507 A1 20011101; AU 2001251658 B2 20060302; AU 5165801 A 20011107; CA 2402126 A1 20011101; CA 2402126 C 20100622; EP 1409612 A1 20040421; EP 1409612 A4 20040616; JP 2003531275 A 20031021; JP 4856837 B2 20120118; NO 20025017 D0 20021018; NO 20025017 L 20021218

DOCDB simple family (application)

US 0112517 W 20010417; AU 2001251658 A 20010417; AU 5165801 A 20010417; CA 2402126 A 20010417; EP 01925060 A 20010417; JP 2001578581 A 20010417; NO 20025017 A 20021018