

Title (en)

PROCESS FOR INCREASING OCTANE AND REDUCING SULFUR CONTENT OF OLEFINIC GASOLINES

Publication

EP 0271264 B1 19920902 (EN)

Application

EP 87310493 A 19871127

Priority

US 93784486 A 19861204

Abstract (en)

[origin: EP0271264A1] In a process for simultaneously reducing the sulfur content and increasing the octane number of an olefinic containing feedstock, the feedstock is contacted in a single stage process with a noble metal-containing crystalline zeolite having a Constraint Index less than 2 and a framework SiO₂/Al₂O₃ molar ratio no less than 50, under conditions sufficient to yield a product of increased octane number with respect to the octane number of the feedstock.

IPC 1-7

B01J 29/06; B01J 29/22; B01J 29/32; C10G 35/095; C10G 45/12; C10G 49/08

IPC 8 full level

B01J 29/00 (2006.01); **B01J 29/12** (2006.01); **B01J 29/22** (2006.01); **B01J 29/54** (2006.01); **B01J 29/62** (2006.01); **C10G 35/095** (2006.01); **C10G 45/12** (2006.01); **C10G 49/08** (2006.01); **C10G 63/04** (2006.01)

CPC (source: EP)

C10G 35/095 (2013.01); **C10G 45/12** (2013.01)

Cited by

US7563358B2; AU2003213744B2; ES2179753A1; US5290534A; EP0420326A1; AU630741B2; EP0430337A1; US5143596A; GB2249554A; US5171425A; EP1047753A4; GB2314089A; FR2749590A1; NL1006263C2; GB2314089B; DE19724683B4; US6846406B2; GB2289689A; FR2720073A1; NL1000428C2; GB2289689B; WO03076552A1; WO0231086A1; WO02062928A3

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

EP 0271264 A1 19880615; EP 0271264 B1 19920902; AU 596245 B2 19900426; AU 8168087 A 19880609; CA 1295275 C 19920204; CN 1015639 B 19920226; CN 87107315 A 19880615; DE 3781528 D1 19921008; DE 3781528 T2 19930415; ES 2033881 T3 19930401; FI 875343 A0 19871203; FI 875343 A 19880605; FI 94394 B 19950531; FI 94394 C 19950911; JP 2598051 B2 19970409; JP S63159494 A 19880702; PH 24485 A 19900718; PT 86294 A 19880101; PT 86294 B 19901107; TR 25245 A 19921201; ZA 879144 B 19890726

DOCDB simple family (application)

EP 87310493 A 19871127; AU 8168087 A 19871125; CA 552509 A 19871123; CN 87107315 A 19871204; DE 3781528 T 19871127; ES 87310493 T 19871127; FI 875343 A 19871203; JP 30849087 A 19871204; PH 36166 A 19871203; PT 8629487 A 19871204; TR 84387 A 19871204; ZA 879144 A 19871204