Title (en)

Process for increasing octane and reducing sulfur content of olefinic gasolines.

Title (de)

Verfahren zur Oktanzahlsteigerung und zur Verringerung des Schwefelgehaltes von olefinischen Benzinen.

Title (fr)

Procédé pour augmenter l'indice d'octane et pour réduire la teneur en soufre d'essences oléfiniques.

Publication

EP 0271264 A1 19880615 (EN)

Application

EP 87310493 A 19871127

Priority

US 93784486 A 19861204

Abstract (en)

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

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

IPC 8 full level

B01J 29/12 (2006.01); **B01J 29/00** (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)

Citation (search report)

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