

Title (en)

A DESULFURIZATION SYSTEM AND METHOD FOR DESULFURIZING A FUEL STREAM

Title (de)

ENTSCHWEFELUNGSSYSTEM UND VERFAHREN ZUR ENTSCHWEFELUNG EINES BRENNSTOFFSTROMS

Title (fr)

SYSTEME DE DESULFURATION ET PROCEDE POUR DESULFURER UN FLUX DE COMBUSTIBLE

Publication

**EP 1802392 A1 20070704 (EN)**

Application

**EP 05808760 A 20050819**

Priority

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- US 93217704 A 20040901
- US 20715405 A 20050818

Abstract (en)

[origin: WO2006028686A1] A method for producing a substantially desulfurized hydrocarbon fuel stream at temperatures less than 100°C including providing a nondesulfurized fuel cell hydrocarbon fuel stream and passing the fuel stream through a sequential sulfur adsorbent bed system containing at least one selective sulfur adsorbent and a calcium exchanged zeolite to produce a substantially desulfurized hydrocarbon fuel stream.

IPC 8 full level

**B01J 20/34** (2006.01); **B01D 53/00** (2006.01); **C10G 25/05** (2006.01); **C10K 1/32** (2006.01)

CPC (source: EP KR)

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Citation (search report)

See references of WO 2006028686A1

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**US 2005029715 W 20050819**; CA 2578233 A 20050819; EP 05808760 A 20050819; JP 2007530001 A 20050819; KR 20077007091 A 20070328