

Title (en)

TREATMENT OF ZEOLITE TO IMPROVE ITS BUTENE SELECTIVITY

Title (de)

BEHANDLUNG VON ZEOLITH ZUR VERBESSERUNG SEINER BUTEN-SELEKTIVITÄT

Title (fr)

TRAITEMENT DU ZEOLITHE POUR AMELIORER SA SELECTIVITE BUTENIQUE

Publication

**EP 0859663 A4 19990825 (EN)**

Application

**EP 96924497 A 19960715**

Priority

- US 9611705 W 19960715
- US 50971695 A 19950731

Abstract (en)

[origin: WO9704871A1] A medium pore zeolite cracking catalyst is treated with steam followed by treatment with an acidic solution to improve its butene selectivity in catalytic cracking. A process for using the treated medium pore cracking catalyst in a fluidized catalytic cracking process is also disclosed.

IPC 1-7

**B01J 38/60**; **B01J 38/06**; **B01J 29/06**; **C10G 11/05**

IPC 8 full level

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CPC (source: EP)

**B01J 29/40** (2013.01); **C10G 11/05** (2013.01); **B01J 29/65** (2013.01); **B01J 29/70** (2013.01); **B01J 2229/16** (2013.01); **B01J 2229/36** (2013.01)

Citation (search report)

- [XY] EP 0172686 A1 19860226 - MOBIL OIL CORP [US]
- [Y] EP 0407203 A1 19910109 - EXXON RESEARCH ENGINEERING CO [US]
- [A] EP 0350367 A1 19900110 - INST FRANCAIS DU PETROLE [FR]
- See references of WO 9704871A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

**WO 9704871 A1 19970213**; AU 6493296 A 19970226; CA 2228115 A1 19970213; EP 0859663 A1 19980826; EP 0859663 A4 19990825; JP H11510202 A 19990907

DOCDB simple family (application)

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