Title (en)

IMPROVED CATALYST COMPOSITION USEFUL FOR CONVERSION OF NON-AROMATIC HYDROCARBONS TO AROMATICS AND LIGHT OLEFINS

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES HOCHAKTIVEN KATALYSATORS FÜR DIE SYNTHESE VON KOHLENWASSERSTOFFEN UND KATALYSATORZUSAMMENSTELLUNG

Title (fr)

COMPOSITION CATALYTIQUE AMELIOREE CONVENANT POUR UNE CONVERSION D'HYDROCARBURES NON AROMATIQUES EN AROMATES ET OLEFINES LEGERES

Publication

**EP 0981406 A4 20020227 (EN)**

Application

**EP 98919753 A 19980413**

Priority

- US 9807400 W 19980413
- US 85464697 A 19970512

Abstract (en)

[origin: WO9851409A1] A novel zeolite catalyst comprising an acid treated zeolite impregnated with zinc and at least one other metal selected from the group consisting of Group 4B, Group 6B, Group 3A, Group 4A and Group 5A of the periodic table of elements, a method of making such zeolite catalyst, and the use thereof for converting paraffin hydrocarbons to olefins and aromatics with a low rate of coke formation during such conversion.

IPC 1-7

**B01J 23/00**; B01J 23/02; B01J 29/04; B01J 29/06; B01J 21/00; C07C 4/12; C07C 15/00

IPC 8 full level

**B01J 29/40** (2006.01); **B01J 29/06** (2006.01); **C07B 61/00** (2006.01); **C07C 4/12** (2006.01); **C07C 11/04** (2006.01); **C07C 11/06** (2006.01); **C07C 15/04** (2006.01); **C07C 15/06** (2006.01); **C07C 15/08** (2006.01); **C10G 35/095** (2006.01)

CPC (source: EP KR)

**B01J 23/00** (2013.01 - KR); **B01J 29/061** (2013.01 - EP); **C10G 35/095** (2013.01 - EP)

Citation (search report)

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- See references of WO 9851409A1

Designated contracting state (EPC)

BE DE ES FR GB IT NL

DOCDB simple family (publication)

**WO 9851409 A1 19981119**; AU 7246898 A 19981208; AU 731283 B2 20010329; BR 9808972 A 20000801; CA 2285209 A1 19981119; CN 1253514 A 20000517; EP 0981406 A1 20000301; EP 0981406 A4 20020227; ID 22823 A 19991209; JP 2001525725 A 20011211; KR 20010012397 A 20010215; NO 995577 D0 19991112; NO 995577 L 20000112

DOCDB simple family (application)

**US 9807400 W 19980413**; AU 7246898 A 19980413; BR 9808972 A 19980413; CA 2285209 A 19980413; CN 98804586 A 19980413; EP 98919753 A 19980413; ID 991282 A 19980413; JP 54923298 A 19980413; KR 19997010350 A 19991109; NO 995577 A 19991112