

Title (en)

DEALUMINISED NU-86 ZEOLITE AND ITS USE IN THE CONVERSION OF HYDROCARBONS

Title (de)

DEALUMINIERTER NU-86-TYP ZEOLITH UND DESSEN VERWENDUNG BEI DER UMSETZUNG VON KOHLENWASSERSTOFFVERBINDUNGEN

Title (fr)

ZEOLITHE NU-86 DESALUMINEE ET SON UTILISATION EN CONVERSION DES HYDROCARBURES

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Application

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Priority

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Abstract (en)

[origin: FR2755958A1] The invention concerns a NU-86 zeolite, containing silicon, and at least one element T selected from the group formed by aluminium, iron, gallium and boron, preferably aluminium, characterised in that the element T has been extracted from the structure and in that it has a global atomic Si/T greater than about 20. The extraction of the element T from the zeolite structure (or network) is effected by at least a thermal treatment, optionally carried out in the presence of water vapour, followed by at least an acid attack, by at least a mineral or organic acid solution, or by a direct acid attack. The invention also concerns a catalyst comprising said zeolite at least partly in acid form and the use of said catalyst in hydrocarbon conversion, in particular in the oligomerization of olefins.

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FR 2755958 A1 19980522; FR 2755958 B1 19990108; AU 5123898 A 19980610; AU 735736 B2 20010712; BR 9713100 A 20000328; CA 2271091 A1 19980528; CN 1110365 C 20030604; CN 1242718 A 20000126; EP 0939673 A1 19990908; JP 2001504079 A 20010327; JP 4344853 B2 20091014; KR 100569655 B1 20060411; KR 20000053353 A 20000825; NZ 335725 A 20010427; RU 2184610 C2 20020710; US 6165439 A 20001226; US 6337428 B1 20020108; WO 9822213 A1 19980528

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