

Title (en)

UZM-29 FAMILY OF CRYSTALLINE ZEOLITIC COMPOSITIONS AND A METHOD OF PREPARING THE COMPOSITIONS

Title (de)

UZM-29-FAMILIE KRISTALLINER ZEOLITZUSAMMENSETZUNGEN UND VERFAHREN ZUR HERSTELLUNG DIESER ZUSAMMENSETZUNGEN

Title (fr)

FAMILLE UZM-29 DE COMPOSITIONS ZÉOLITHIQUES CRISTALLINES ET PROCÉDÉ DE PRÉPARATION DES COMPOSITIONS

Publication

EP 2462060 A2 20120613 (EN)

Application

EP 10806940 A 20100729

Priority

- US 53525409 A 20090804
- US 53524809 A 20090804
- US 2010043630 W 20100729

Abstract (en)

[origin: WO2011017183A2] This invention relates to a new family of crystalline microporous zeolite designated the UZM-29 family. These zeolites are represented by the empirical formula: $Mm\ n+R+rAlI-x\ ExSi_yO_z$ UZM-29 has the PHI structure type topology but is thermally stable up to a temperature of at least 350°C. The UZM-29 family of zeolite can be used in various hydrocarbon conversion processes such as, isomerization of butane.

IPC 8 full level

C01B 39/48 (2006.01); **B01J 29/06** (2006.01); **C01B 39/06** (2006.01); **C07C 2/12** (2006.01); **C07C 5/22** (2006.01)

CPC (source: EP)

B01J 29/70 (2013.01); **C01B 39/06** (2013.01); **C01B 39/48** (2013.01); **C07C 1/20** (2013.01); **C07C 5/2775** (2013.01); **C10G 3/49** (2013.01); **C10G 29/205** (2013.01); **C10G 45/64** (2013.01); **B01J 2229/37** (2013.01); **C10G 2400/20** (2013.01)

Citation (search report)

See references of WO 2011017183A2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

WO 2011017183 A2 20110210; WO 2011017183 A3 20110630; EP 2462060 A2 20120613

DOCDB simple family (application)

US 2010043630 W 20100729; EP 10806940 A 20100729