

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/EP2018/073601

TITLE: CATALYST COMPRISING A NOVEL MOLECULAR SIEVE BELONGING TO THE ERI FAMILY AND USE OF THE CATALYST

APPLICANT: HALDOR TOPSOE A/S

IPC CLASSIFICATION: C01B39/30, B01D53/94, B01J29/50, B01J29/56, C01B39/02, C07C1/20

EXAMINER: Follens, Lana

CONSULTED DATABASES: WPI, INET

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: C01B39/305, C01P2002/72, C01P2004/40, C01P2004/90, B01D53/94, B01J29/50, B01J29/56, C01B39/026, B01D53/9418, B01D53/9486, C07C1/20

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

LZ_220, ZSM_34, type_T OFF

UZM_12, SSZ_98 erionite+

ERI;

morphology+

intergrowth,

impuri+

tabular, prismatic, isotropic,

SAR, molar w ratio

dication+

HEXAMETHYLBENZENE

H[E,E,E,E]X[A,A,A]M[E,E,E,E]THYLB[E,E,E,E]NZ[E,E,E,E]N[E,E,E,E]

HEX[A,A]M ETHYLBENZENE cyclohexane+, cyclohexyl+

1_4_bis

KOH, NaOH, alkali, earth w alkali, alkali+ w earth+

trialkyl ammonium

trimethyl ammonium, triethyl ammonium, diethyl_methyl ammonium,

ethyl_dimethyl ammonium+

FAU, faujasite,

needle, rod

nitrogen w oxide, NOx

conversion

ammonia,

oxidation

reduction

hydrocarbon+

carbon w monoxide+

oxygenate+

olefin+

methane,

amine+

methanol+, dimethyl w ether+

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