

Title (en)

METHOD FOR THE PREPARATION OF A CATIONIC ZEOLITE BY IONIC EXCHANGE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES KATIONISCHEN ZEOLITS DURCH IONENAUSTAUSCH

Title (fr)

PROCÉDÉ DE PRÉPARATION D'UNE ZÉOLITHE CATIONIQUE PAR ÉCHANGE IONIQUE

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Application

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Abstract (en)

[origin: WO2009153423A1] The invention relates to a method for the preparation of a cationic zeolite exchanged at least partially with one or more mono and/or multivalent cations. The method includes at least the following steps comprising: separate activation of a zeolite to be exchanged and an anhydrous salt under a dry inert gas stream, dissolution of the anhydrous salt in an anhydrous organic solvent, ionic exchange under a dry inert atmosphere, filtration and stripping with an anhydrous organic solvent, and calcination in the presence of oxygen under a dry gas stream. The invention also relates to the use of prepared zeolites for the separation or purification of hydrocarbon feeds.

IPC 8 full level

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