

Title (en)

METHOD FOR PREPARING A ZEOLITE MATERIAL WITH A HIGH KL ZEOLITE CONTENT AND A HIGH MECHANICAL STRENGTH

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES ZEOLITHMATERIALS MIT HOHEM KL-ZEOLITHGEGHALT UND HOHER MECHANISCHER FESTIGKEIT

Title (fr)

PROCEDE DE PREPARATION D'UN MATERIAU ZEOLITHIQUE A HAUTE TENEUR EN ZEOLITHE KL ET DE HAUTE RESISTANCE MECANIQUE

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Application

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Abstract (en)

[origin: WO2023006380A1] The present invention relates to a method for preparing a microporous material shaped in the form of extruded products, tablets or pellets having a high mechanical strength to prevent crushing and containing at least 90% by weight of KL zeolite (LTL structural type). Said method comprises a step for shaping a KL zeolite with at least one zeolitisable binder and at least one zeolithisation step, in the presence of potassium hydroxide in one and/or the other of the steps in order to obtain a material shaped in the form of extruded products, tablets or pellets containing at least 90% by weight of KL zeolite and having a high mechanical strength to prevent crushing.

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