

Title (en)

PROCESS FOR SYNTHESISING POROUS INORGANIC MATERIALS

Title (de)

VERFAHREN ZUR HERSTELLUNG PORÖSER, ANORGANISCHER MATERIALEN

Title (fr)

PROCEDE DESTINE A SYNTHETISER DES MATERIAUX INORGANQUES POREUX

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Application

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Abstract (en)

[origin: WO9716375A1] The invention pertains to a process for synthesising a porous inorganic material having an MoPD of 0.8-2.0 nm, characterised in that the synthesis is performed in the presence of templates containing one or more amphipolar compounds having at least two cationic or anionic head groups and a hydrophobic part. Preferably, at least a portion of the head groups of the amphipolar compound has a cationic nature. The process according to the invention makes it possible to synthesise novel porous mixed oxides, in particular metallosilicates, more in particular aluminosilicates, with an MoPD of 0.8-2.0 nm. These materials are especially attractive for use in catalysis.

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