

Title (en)

SYNTHESIS OF ULTRA-SMALL PORE ALUMINOSILICATES BY CONTROLLED STRUCTURAL COLLAPSE OF ZEOLITES

Title (de)

SYNTHESE VON ALUMOSILIKATEN MIT ULTRAKLEINEN POREN DURCH KONTROLLIERTEN STRUKTURELLEN KOLLAPS VON ZEOLITHEN

Title (fr)

SYNTHÈSE D'ALUMINOSILICATES À PORES ULTRA-PETITS À L'AIDE D'EFFONDREMENT STRUCTUREL RÉGULÉ DE ZÉOLITES

Publication

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Application

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Abstract (en)

[origin: WO2016123104A1] The present invention relates to an amorphous adsorbent composition capable of purifying a gaseous hydrocarbon fraction and methods for synthesizing the composition. The composition is advantageously capable of filtering non-combustible contaminants for increasing the quality and heating value of a gaseous hydrocarbon such as methane. The composition comprises a zeolite based framework that is at least partially collapsed and capable of selectively adsorbing and desorbing gaseous components such as methane and carbon dioxide for purifying the gaseous hydrocarbon fraction.

IPC 8 full level

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See references of WO 2016123104A1

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