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(54) **PREPARATION METHOD OF POROUS ORGANIC INORGANIC HYBRID MATERIALS**

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See application file for complete search history.

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(57) **ABSTRACT**

The present invention relates to a synthesis method of porous hybrid inorganic-organic materials that can be applied for adsorbents, gas storages, sensors, membranes, functional thin films, catalysts, catalyst supports, encapsulating guest molecules and separation of molecules by the pore structures. More specifically, the present invention relates to the synthesis method of nanocrystalline porous hybrid inorganic-organic materials.

16 Claims, 2 Drawing Sheets