

Title (en)

METHOD FOR THE CONTROLLED STORAGE AND RELEASE OF GASES USING AN ELECTROCHEMICALLY PRODUCED CRYSTALLINE, POROUS, ORGANOMETALLIC SKELETON MATERIAL

Title (de)

VERFAHREN ZUR KONTROLLIERTEN SPEICHERUNG UND ABGABE VON GASSEN UNTER EINSATZ EINES ELEKTROCHEMISCH HERGESTELLTEN KRISTALLINEN PORÖSEN METALLORGANISCHEN GER STMATERIALS

Title (fr)

PROCEDE POUR STOCKER ET DISTRIBUER DES GAZ DE MANIERE CONTROLEE, AU MOYEN D'UN MATERIAU POREUX CRISTALLIN A CHARPENTE ORGANOMETALLIQUE PRODUIT PAR VOIE ELECTROCHIMIQUE

Publication

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Application

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Abstract (en)

[origin: WO2005049484A1] The invention relates to a method for the absorption and/or storage of gases. According to said method, the gas to be stored is brought into contact with an electrochemically produced, organometallic skeleton material in conditions that are favourable for gas absorption. The gas is absorbed by the organometallic skeleton material and the conditions are subsequently modified in such a way that the gas is released.

IPC 8 full level

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Citation (search report)

See references of WO 2005049484A1

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