

Title (en)

METHOD FOR PRODUCING POROUS METAL-ORGANIC FRAMEWORK MATERIALS

Title (de)

VERFAHREN ZUR HERSTELLUNG PORÖSER METALL-ORGANISCHER GERÜSTMATERIALIEN

Title (fr)

PROCEDE POUR PRODUIRE DES MATIERES STRUCTURANTES ORGANO-METALLIQUES POREUSES

Publication

**EP 1888817 A2 20080220 (DE)**

Application

**EP 06763214 A 20060522**

Priority

- EP 2006062488 W 20060522
- DE 102005023856 A 20050524

Abstract (en)

[origin: WO2006125761A2] The invention relates to a method for producing a porous metal-organic framework material which contains at least two organic compounds which are co-ordinatively connected to at least one metal ion. The invention also relates to porous metal-organic framework materials which are produced according to said method, in addition to the use thereof, in particular, for storing and separating gas.

IPC 8 full level

**C25B 3/13** (2021.01); **C25B 3/23** (2021.01)

CPC (source: EP KR US)

**B01D 53/02** (2013.01 - EP US); **B01J 20/226** (2013.01 - EP US); **B01J 31/1691** (2013.01 - EP US); **C01B 3/0015** (2013.01 - EP US);  
**C07F 1/005** (2013.01 - EP US); **C07F 1/08** (2013.01 - KR); **C25B 3/13** (2021.01 - EP US); **F17C 11/00** (2013.01 - EP US);  
**F17C 11/005** (2013.01 - EP US); **F17C 11/007** (2013.01 - EP US); **B01D 2253/204** (2013.01 - EP US); **B01D 2253/306** (2013.01 - EP US);  
**B01D 2253/308** (2013.01 - EP US); **Y02E 60/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2006125761A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 102005023856 A1 20061130**; CN 101218377 A 20080709; CN 101218377 B 20110119; EP 1888817 A2 20080220;  
JP 2009504903 A 20090205; JP 5167122 B2 20130321; KR 101332942 B1 20131125; KR 20080021037 A 20080306;  
US 2008214806 A1 20080904; US 7910732 B2 20110322; WO 2006125761 A2 20061130; WO 2006125761 A3 20070308

DOCDB simple family (application)

**DE 102005023856 A 20050524**; CN 200680025081 A 20060522; EP 06763214 A 20060522; EP 2006062488 W 20060522;  
JP 2008512818 A 20060522; KR 20077029709 A 20060522; US 91549906 A 20060522