

Title (en)

THE USE OF MOFS IN PRESSURE SWING ADSORPTION

Title (de)

VERWENDUNG VON MOFS IN DER DRUCKSCHWINGUNGSADSORPTION

Title (fr)

UTILISATION DES MOF POUR L'ADSORPTION MODULÉE PAR LA PRESSION

Publication

EP 1963766 A2 20080903 (EN)

Application

EP 06850286 A 20061213

Priority

- US 2006062038 W 20061213
- US 75245105 P 20051221

Abstract (en)

[origin: WO2007111738A2] A pressure swing adsorption process using metal organic framework materials is presented for removal of carbon dioxide.

IPC 8 full level

F25J 3/08 (2006.01)

CPC (source: EP)

B01D 53/047 (2013.01); **B01D 2253/20** (2013.01); **B01D 2253/204** (2013.01); **B01D 2253/306** (2013.01); **B01D 2253/308** (2013.01); **B01D 2256/24** (2013.01); **B01D 2256/245** (2013.01); **B01D 2257/504** (2013.01); **B01D 2259/40081** (2013.01); **Y02C 20/40** (2020.08)

Citation (search report)

See references of WO 2007111738A2

Designated contracting state (EPC)

DE GB

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007111738 A2 20071004; **WO 2007111738 A3 20080110**; **WO 2007111738 B1 20080221**; AU 2006340774 A1 20071004; CA 2633652 A1 20071004; CN 101346183 A 20090114; EP 1963766 A2 20080903; JP 2009521320 A 20090604; RU 2008129692 A 20100127

DOCDB simple family (application)

US 2006062038 W 20061213; AU 2006340774 A 20061213; CA 2633652 A 20061213; CN 200680048975 A 20061213; EP 06850286 A 20061213; JP 2008547688 A 20061213; RU 2008129692 A 20061213