

Title (en)

MIXTURES FOR THE ADSORPTION OF ACIDIC GASES

Title (de)

MISCHUNGEN ZUR ADSORPTION VON SAUREN GASSEN

Title (fr)

MÉLANGES POUR L'ADSORPTION DE GAZ ACIDES

Publication

**EP 3641933 A1 20200429 (DE)**

Application

**EP 18723559 A 20180517**

Priority

- EP 17176521 A 20170619
- EP 2018062933 W 20180517

Abstract (en)

[origin: WO2018233949A1] The invention relates to mixtures containing basic anion exchangers and flow regulating agents, to the use thereof for the adsorption of acidic gases, in particular, carbon dioxide, to a method for the continuous gas adsorption and heat exchanger which contain the mixtures containing basic anion exchangers and flow regulating agents.

IPC 8 full level

**B01J 41/14** (2006.01); **B01J 41/07** (2017.01); **B01J 47/018** (2017.01); **B01J 49/14** (2017.01); **B01J 49/40** (2017.01)

CPC (source: EP US)

**B01D 53/62** (2013.01 - US); **B01D 53/81** (2013.01 - US); **B01D 53/96** (2013.01 - US); **B01J 41/07** (2016.12 - EP US);  
**B01J 41/14** (2013.01 - EP US); **B01J 47/018** (2016.12 - EP US); **B01J 49/14** (2016.12 - EP); **B01J 49/40** (2016.12 - EP);  
**B01D 2253/206** (2013.01 - US); **B01D 2253/304** (2013.01 - US); **B01D 2253/308** (2013.01 - US); **B01D 2257/504** (2013.01 - US)

Citation (search report)

See references of WO 2018233949A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**WO 2018233949 A1 20181227**; EP 3641933 A1 20200429; US 11207671 B2 20211228; US 2021162396 A1 20210603

DOCDB simple family (application)

**EP 2018062933 W 20180517**; EP 18723559 A 20180517; US 201816624340 A 20180517