

Title (en)

DEVICE FOR RADIAL SEPARATION IN SIMULATED MOVING BED

Title (de)

VORRICHTUNG ZUR RADIALEN TRENNUNG IN EINEM SIMULIERTEN WANDERBETT

Title (fr)

DISPOSITIF POUR LA SÉPARATION RADIALE EN LIT MOBILE SIMULÉ

Publication

EP 4188586 A1 20230607 (FR)

Application

EP 21746734 A 20210720

Priority

- FR 2007909 A 20200727
- EP 2021070297 W 20210720

Abstract (en)

[origin: WO2022023127A1] The present invention relates to a device, a column and a method for radial separation or reaction, wherein the adsorption chamber (9) has a loading height (H3) greater than the height of the distribution channel (6) and the height of the collection channel (8), and the top wall (2) of the adsorption chamber (9) comprises at least one washing solvent inlet (16).

IPC 8 full level

B01J 4/00 (2006.01); **B01J 8/02** (2006.01); **B01J 8/04** (2006.01); **B01J 19/00** (2006.01)

CPC (source: EP US)

B01D 15/1842 (2013.01 - US); **B01J 4/004** (2013.01 - EP US); **B01J 8/02** (2013.01 - EP); **B01J 8/0207** (2013.01 - EP);
B01J 8/0214 (2013.01 - EP); **B01J 8/0403** (2013.01 - EP); **B01J 8/0407** (2013.01 - EP); **B01J 19/006** (2013.01 - EP);
B01J 19/2415 (2013.01 - US); B01J 2204/002 (2013.01 - EP US); B01J 2208/0061 (2013.01 - EP); **B01J 2208/00654** (2013.01 - EP);
B01J 2208/0084 (2013.01 - EP); B01J 2208/0092 (2013.01 - EP); B01J 2208/00938 (2013.01 - EP); B01J 2219/0002 (2013.01 - EP);
B01J 2219/00033 (2013.01 - EP); B01J 2219/00038 (2013.01 - EP); B01J 2219/0004 (2013.01 - EP); **B01J 2219/00768** (2013.01 - EP)

Citation (search report)

See references of WO 2022023127A1

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

FR 3112699 A1 20220128; FR 3112699 B1 20230303; CN 116209515 A 20230602; EP 4188586 A1 20230607; JP 2023535788 A 20230821;
KR 20230042302 A 20230328; TW 202222419 A 20220616; US 2023278001 A1 20230907; WO 2022023127 A1 20220203

DOCDB simple family (application)

FR 2007909 A 20200727; CN 202180059834 A 20210720; EP 2021070297 W 20210720; EP 21746734 A 20210720;
JP 2023505739 A 20210720; KR 20237005009 A 20210720; TW 110127089 A 20210723; US 202118018068 A 20210720