

Title (en)

METHOD FOR CARRYING OUT A CHEMICAL SYNTHESIS AND SYNTHESIS REACTOR

Title (de)

VERFAHREN ZUR DURCHFÜHRUNG EINER CHEMISCHEN SYNTHESE UND SYNTHESEREAKTOR

Title (fr)

PROCÉDÉ POUR RÉALISER UNE SYNTHÈSE CHIMIQUE ET RÉACTEUR DE SYNTHÈSE

Publication

EP 3233271 A1 20171025 (DE)

Application

EP 16702887 A 20160120

Priority

- DE 102015202680 A 20150213
- EP 2016051046 W 20160120

Abstract (en)

[origin: WO2016128187A1] The invention relates to a method for carrying out a chemical synthesis, comprising the following steps: - introducing at least one synthesis reactant (2) into a reaction chamber (4), in which a pressure p1 prevails, - producing at least one synthesis product (6) in the reaction chamber (4), - discharging the synthesis product (6) and an unreacted synthesis reactant (8) from the reaction chamber (4), - separating the synthesis product (6) from the unreacted synthesis reactant (8), and - introducing the unreacted synthesis reactant (8) into a second reaction chamber (10), in which a pressure p2 prevails which is lower than the pressure p1.

IPC 8 full level

B01J 19/24 (2006.01); **B01J 8/04** (2006.01); **B01J 8/26** (2006.01); **C07C 29/152** (2006.01)

CPC (source: CN EP US)

B01J 8/0453 (2013.01 - CN EP US); **B01J 8/0496** (2013.01 - CN EP US); **B01J 8/1836** (2013.01 - US); **B01J 8/22** (2013.01 - CN EP US); **B01J 8/222** (2013.01 - CN EP US); **B01J 8/26** (2013.01 - CN EP US); **B01J 8/28** (2013.01 - CN EP US); **B01J 12/007** (2013.01 - CN EP US); **B01J 19/245** (2013.01 - CN EP US); **C10G 2/00** (2013.01 - US); **C10G 2/32** (2013.01 - US); **B01J 2208/00132** (2013.01 - CN EP US); **B01J 2208/00176** (2013.01 - CN EP US); **B01J 2208/00274** (2013.01 - CN EP US); **B01J 2219/00081** (2013.01 - CN EP US); **B01J 2219/00103** (2013.01 - CN EP US); **Y02P 20/582** (2015.11 - EP US)

Citation (search report)

See references of WO 2016128187A1

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 2016128187 A1 20160818; AU 2016218191 A1 20170824; AU 2016218191 B2 20180419; CL 2017002036 A1 20180209; CN 107249728 A 20171013; DE 102015202680 A1 20160818; EP 3233271 A1 20171025; US 10562003 B2 20200218; US 2018028996 A1 20180201

DOCDB simple family (application)

EP 2016051046 W 20160120; AU 2016218191 A 20160120; CL 2017002036 A 20170809; CN 201680010032 A 20160120; DE 102015202680 A 20150213; EP 16702887 A 20160120; US 201615550114 A 20160120