Title (en)

REACTOR FOR CARRYING OUT HETEROGENEOUSLY CATALYSED GAS PHASE REACTIONS, AND USE OF THE REACTOR

Title (de)

REAKTOR ZUR DURCHFÜHRUNG VON HETEROGEN KATALYSIERTEN GASPHASENREAKTIONEN SOWIE VERWENDUNG DES REAKTORS

Title (fr)

RÉACTEUR DESTINÉ À LA RÉALISATION DE RÉACTIONS EN PHASE GAZEUSE À CATALYSE HÉTÉROGÈNE ET UTILISATION DU RÉACTEUR

Publication

EP 3389847 A1 20181024 (DE)

Application

EP 16819519 A 20161216

Priority

- EP 15200506 A 20151216
- EP 2016081571 W 20161216

Abstract (en)

[origin: WO2017103199A1] The invention relates to a reactor for carrying out heterogeneously catalysed gas phase reactions, comprising an in-built element (11, 35) or multiple in-built elements (11, 35) arranged behind one another in the flow direction of the gas mixture of the heterogeneously catalysed gas phase reaction through the reactor (10), wherein the in-built elements extend over the entire reactor cross-section, characterised in that the one or multiple in-built elements (11, 35) are formed at least partially from a fibre-composite ceramic material.

IPC 8 full level

B01J 19/24 (2006.01); **B01J 8/00** (2006.01); **B01J 8/04** (2006.01)

CPC (source: EP RU US)

B01J 8/008 (2013.01 - EP US); **B01J 8/0214** (2013.01 - US); **B01J 8/04** (2013.01 - RU); **B01J 8/0453** (2013.01 - EP US); **B01J 8/0492** (2013.01 - US); **B01J 8/0496** (2013.01 - US); **B01J 19/24** (2013.01 - RU); **B01J 19/2485** (2013.01 - EP US); B01J 2208/00814 (2013.01 - EP US); B01J 2208/00884 (2013.01 - EP US); B01J 2219/2438 (2013.01 - US); B01J 2219/2443 (2013.01 - EP US)

Citation (search report)

See references of WO 2017103199A1

Designated contracting state (EPC)

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BA ME

DOCDB simple family (publication)

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EP 2016081571 W 20161216; CN 201680078861 A 20161216; EP 16819519 A 20161216; RU 2018125955 A 20161216; US 201616062669 A 20161216