

Title (en)

CATALYST CONTAINING PHOSPHORUS FOR CONVERTING OXYGENATES INTO OLEFINS

Title (de)

PHOSPHORHALTIGER KATALYSATOR ZUR UMWANDLUNG VON OXYGENATEN IN OLEFINE

Title (fr)

CATALYSEUR CONTENANT DU PHOSPHORE POUR LA CONVERSION DE COMPOSÉS OXYGÉNÉS EN OLÉFINES

Publication

**EP 3083050 A1 20161026 (DE)**

Application

**EP 14809025 A 20141208**

Priority

- DE 102013021950 A 20131220
- EP 2014076938 W 20141208

Abstract (en)

[origin: WO2015091078A1] The invention relates to a novel process for preparing a catalyst containing phosphorus, wherein the catalyst is steamed. Also disclosed are the catalyst obtainable by said process as well as the use thereof in a process for preparing olefins from oxygenates. The catalyst is usually steamed before being modified with a compound containing phosphorus.

IPC 8 full level

**B01J 37/08** (2006.01); **B01J 27/16** (2006.01); **B01J 29/06** (2006.01); **B01J 35/00** (2024.01); **B01J 37/10** (2006.01); **C07C 1/20** (2006.01); **C07C 11/02** (2006.01)

CPC (source: EP RU US)

**B01J 27/16** (2013.01 - RU); **B01J 29/06** (2013.01 - RU); **B01J 29/40** (2013.01 - EP US); **B01J 29/7023** (2013.01 - EP US); **B01J 29/7034** (2013.01 - EP US); **B01J 29/7042** (2013.01 - EP US); **B01J 29/7046** (2013.01 - EP US); **B01J 35/00** (2013.01 - RU); **B01J 35/23** (2024.01 - EP US); **B01J 35/30** (2024.01 - RU); **B01J 35/393** (2024.01 - US); **B01J 35/40** (2024.01 - EP US); **B01J 37/0018** (2013.01 - EP US); **B01J 37/08** (2013.01 - US); **B01J 37/10** (2013.01 - RU); **B01J 37/28** (2013.01 - EP US); **C01B 39/026** (2013.01 - EP US); **C01B 39/40** (2013.01 - EP US); **C07C 1/20** (2013.01 - EP RU US); **B01J 29/70** (2013.01 - EP US); **B01J 35/615** (2024.01 - EP US); **B01J 35/633** (2024.01 - EP US); **B01J 37/0063** (2013.01 - EP US); **B01J 2229/186** (2013.01 - US); **B01J 2229/20** (2013.01 - EP US); **B01J 2229/36** (2013.01 - EP US); **B01J 2229/37** (2013.01 - EP US); **B01J 2229/42** (2013.01 - EP US); **C07C 2521/02** (2013.01 - EP US); **C07C 2521/04** (2013.01 - EP US); **C07C 2527/14** (2013.01 - EP US); **C07C 2529/40** (2013.01 - EP US)

C-Set (source: EP US)

**C07C 1/20 + C07C 11/02**

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 2015091078 A1 20150625**; CN 105828943 A 20160803; CN 105828943 B 20190308; EP 3083050 A1 20161026; JP 2017501030 A 20170112; JP 6545172 B2 20190717; RU 2635567 C1 20171114; US 10293333 B2 20190521; US 2016318007 A1 20161103

DOCDB simple family (application)

**EP 2014076938 W 20141208**; CN 201480068449 A 20141208; EP 14809025 A 20141208; JP 2016540009 A 20141208; RU 2016129691 A 20141208; US 201415105877 A 20141208