

Title (en)
USE OF, AND METHOD USING A CATALYST CONTAINING TITANIUM DIOXIDE, PARTICULARLY FOR THE PRODUCTION OF PHTHALIC ANHYDRIDE

Title (de)
VERWENDUNG UND VERFAHREN UNTER VERWENDUNG EINES KATALYSATORS ENTHALTEND TITANDIOXID, INSBESONDERE ZUR HERSTELLUNG VON PHTHALSÄUREANHYDRID

Title (fr)
UTILISATION ET PROCÉDÉ D'UTILISATION D'UN CATALYSEUR CONTENANT UN DIOXYDE DE TITANE, EN PARTICULIER DANS LA PRODUCTION D'ANHYDRIDE PHTALIQUE

Publication
EP 2032517 A1 20090311 (DE)

Application
EP 07725469 A 20070523

Priority

- EP 2007004569 W 20070523
- EP 06010681 A 20060523
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Abstract (en)
[origin: EP1860091A1] Titanium dioxide (I) with a sulfur content below 1000 ppm and a BET surface area of at least 5 m²/g is used to produce a catalyst for the gas-phase oxidation of hydrocarbons. Independent claims are also included for: (1) producing a catalyst for the gas-phase oxidation of hydrocarbons by depositing an active material comprising (I) on an inert support; (2) gas-phase oxidation of hydrocarbons by contacting a catalyst containing (I) with a gas stream comprising hydrocarbons and oxygen.

IPC 8 full level
C07C 51/265 (2006.01); **B01J 21/06** (2006.01); **C07C 51/31** (2006.01)

CPC (source: EP KR US)
B01J 21/06 (2013.01 - KR); **B01J 21/063** (2013.01 - EP US); **B01J 23/20** (2013.01 - EP US); **B01J 35/19** (2024.01 - EP US); **B01J 35/30** (2024.01 - EP US); **B01J 37/0219** (2013.01 - EP US); **B01J 37/0221** (2013.01 - EP US); **C07C 45/36** (2013.01 - EP US); **C07C 51/235** (2013.01 - EP US); **C07C 51/265** (2013.01 - EP KR US); **C07C 51/31** (2013.01 - KR); **C07C 51/313** (2013.01 - EP US); **B01J 35/612** (2024.01 - EP US); **B01J 35/613** (2024.01 - EP US)

Citation (search report)
See references of WO 2007134849A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

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EP 06010681 A 20060523; BR PI0712570 A 20070523; CN 200780017309 A 20070523; EP 07725469 A 20070523; EP 2007004569 W 20070523; JP 2009511402 A 20070523; KR 20087031277 A 20070523; RU 2008150849 A 20070523; TW 96118427 A 20070523; US 30132507 A 20070523; ZA 200807947 A 20070523