Title (en)

USE OF TITANIUM DIOXIDE MIXTURES FOR PRODUCING CATALYSTS

Title (de)

VERWENDUNG VON TITANDIOXIDGEMISCHEN ZUR HERSTELLUNG VON KATALYSATOREN

Title (fr)

UTILISATION DE MELANGES D'OXYDE DE TITANE POUR PRODUIRE DES CATALYSEURS

Publication

EP 1814660 A1 20070808 (DE)

Application

EP 05815892 A 20051116

Priority

- EP 2005012283 W 20051116
- DE 102004055807 A 20041118

Abstract (en)

[origin: WO2006053732A1] The invention relates to the use of titanium dioxide mixtures of the anatase form having defined physical properties for producing catalysts, which are particularly suitable for phthalic anhydride syntheses. The invention also relates to catalysts which contain titanium dioxide of the anatase form having defined physical properties.

IPC 8 full level

B01J 23/00 (2006.01); **B01J 21/06** (2006.01); **B01J 23/22** (2006.01); **B01J 35/00** (2006.01); **B01J 35/10** (2006.01); **B01J 37/02** (2006.01); **C07C 51/00** (2006.01)

CPC (source: EP KR US)

B01J 21/06 (2013.01 - KR); **B01J 21/063** (2013.01 - EP US); **B01J 23/00** (2013.01 - KR); **B01J 23/002** (2013.01 - EP US); **B01J 23/22** (2013.01 - EP KR US); **B01J 35/19** (2024.01 - EP US); **B01J 35/60** (2024.01 - KR); **B01J 35/613** (2024.01 - EP US); **B01J 37/0232** (2013.01 - EP US); **C07C 51/265** (2013.01 - EP US); **C07C 51/313** (2013.01 - EP US); B01J 2523/00 (2013.01 - EP US)

C-Set (source: EP US)

1. **C07C 51/265** + **C07C 63/16**
2. **C07C 51/313** + **C07C 63/16**
3. B01J 2523/00 + B01J 2523/53 + B01J 2523/55
4. B01J 2523/00 + B01J 2523/15 + B01J 2523/53 + B01J 2523/55
5. B01J 2523/00 + B01J 2523/15 + B01J 2523/47 + B01J 2523/53 + B01J 2523/55
6. B01J 2523/00 + B01J 2523/51 + B01J 2523/55
7. B01J 2523/00 + B01J 2523/47 + B01J 2523/51 + B01J 2523/55
8. B01J 2523/00 + B01J 2523/15 + B01J 2523/51 + B01J 2523/53 + B01J 2523/55

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 NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2006053732 A1 20060526; BR PI0517850 A 20081021; CN 101060927 A 20071024; CN 101060927 B 20110511; EP 1814660 A1 20070808; JP 2008520418 A 20080619; JP 5174462 B2 20130403; KR 101308197 B1 20130913; KR 20070086369 A 20070827; MX 2007005850 A 20070615; RU 2007122282 A 20081227; TW 200626232 A 20060801; TW I378823 B 20121211; US 2008064594 A1 20080313; US 7851398 B2 20101214

DOCDB simple family (application)

EP 2005012283 W 20051116; BR PI0517850 A 20051116; CN 200580039559 A 20051116; EP 05815892 A 20051116; JP 2007541780 A 20051116; KR 20077013762 A 20051116; MX 2007005850 A 20051116; RU 2007122282 A 20051116; TW 94140707 A 20051118; US 71942205 A 20051116