

Title (en)

CATALYST SUPPORT, PRODUCTION AND USE THEREOF IN THE POLYMERIZATION OF OLEFINS

Title (de)

KATALYSATORTRÄGER, DESSEN HERSTELLUNG UND VERWENDUNG ZUR OLEFINPOLYMERISATION

Title (fr)

SUPPORT POUR CATALYSEURS, SA PRODUCTION ET SON UTILISATION POUR LA POLYMERISATION D'OLEFINES

Publication

EP 1335792 A1 20030820 (DE)

Application

EP 01980446 A 20010927

Priority

- DE 10052600 A 20001024
- DE 10052603 A 20001024
- EP 0111202 W 20010927

Abstract (en)

[origin: US2004014917A1] The present invention relates to a support for catalysts which has a content of physisorbed water of at least 2.5% by weight. Further subject-matters of the application are a process for preparing heterogeneous catalysts containing these supports and the use of these catalysts for olefin polymerization and also a polymerization process using the catalysts.

IPC 1-7

B01J 21/12; **B01J 31/22**; **B01J 31/14**; **B01J 35/10**; **C08F 10/00**; **C08F 4/02**

IPC 8 full level

B01J 21/00 (2006.01); **B01J 21/12** (2006.01); **B01J 31/14** (2006.01); **B01J 31/16** (2006.01); **B01J 31/22** (2006.01); **B01J 32/00** (2006.01); **B01J 35/08** (2006.01); **B01J 35/10** (2006.01); **B01J 37/00** (2006.01); **C08F 4/02** (2006.01); **C08F 4/605** (2006.01); **C08F 4/6192** (2006.01); **C08F 4/659** (2006.01); **C08F 10/00** (2006.01); **C08F 110/02** (2006.01); **C08F 4/6592** (2006.01)

CPC (source: EP US)

B01J 21/00 (2013.01 - EP US); **B01J 21/12** (2013.01 - EP US); **B01J 31/14** (2013.01 - EP US); **B01J 31/143** (2013.01 - EP US); **B01J 31/1616** (2013.01 - EP US); **B01J 31/2295** (2013.01 - EP US); **C08F 4/65916** (2013.01 - EP US); **C08F 10/00** (2013.01 - EP US); **C08F 110/02** (2013.01 - EP US); **B01J 2531/46** (2013.01 - EP US); **B01J 2531/48** (2013.01 - EP US); **B01J 2531/49** (2013.01 - EP US); **C08F 4/65912** (2013.01 - EP US); **C08F 4/65925** (2013.01 - EP US)

Citation (search report)

See references of WO 0234386A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

US 2004014917 A1 20040122; AU 1228702 A 20020506; EP 1335792 A1 20030820; JP 2004512166 A 20040422; WO 0234386 A1 20020502

DOCDB simple family (application)

US 39999203 A 20030424; AU 1228702 A 20010927; EP 0111202 W 20010927; EP 01980446 A 20010927; JP 2002537427 A 20010927