



Europäisches Patentamt
European Patent Office
Office européen des brevets



(11) **EP 1 291 365 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

Note: Bibliography reflects the latest situation

- (15) Correction information: **Corrected version no 1 (W1 B1)**
INID code(s) 73
- (51) Int Cl.7: **C08F 4/642, C08F 10/00**
- (48) Corrigendum issued on:
07.12.2005 Bulletin 2005/49
- (45) Date of publication and mention
of the grant of the patent:
05.10.2005 Bulletin 2005/40
- (21) Application number: **02079474.9**
- (22) Date of filing: **27.01.1998**

(54) **Selective activity of metallocene-type catalyst for isotactic poly-alpha-olefin production**

Selektive Wirkung von Metallocen-Katalysatoren für die Herstellung von isotaktischen Polyolefinen

Activité sélective de catalyseurs à base de métallocènes pour la production de polyoléfines isotactiques

- | | |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>(84) Designated Contracting States:
AT BE CH DE ES FR GB IT LI NL SE</p> <p>(30) Priority: 30.01.1997 US 790672</p> <p>(43) Date of publication of application:
12.03.2003 Bulletin 2003/11</p> <p>(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
98101363.4 / 0 856 525</p> <p>(73) Proprietor: TOTAL PETROCHEMICALS
RESEARCH FELUY
7181 Seneffe (Feluy) (BE)</p> <p>(72) Inventors:
• Shamshoum, Edwar S.
Gibsonia, Pennsylvania 15044 (US)
• Lopez, Margarito
Pasadena, Texas 77052 (US)
• Harris, Theodore G.
Houston, Texas 77009 (US)</p> | <p>(74) Representative: Roufosse, Micheline C. et al
Total Petrochemicals Research Feluy
Zone Industrielle C
7181 Seneffe (Feluy) (BE)</p> <p>(56) References cited:
EP-A- 0 284 707 EP-A- 0 287 666
DE-A- 4 139 263 DE-C- 4 344 672
US-A- 5 393 851</p> <ul style="list-style-type: none">• PATENT ABSTRACTS OF JAPAN vol. 1997, no. 01, 31 January 1997 (1997-01-31) & JP 08 245714 A (MITSUI PETROCHEM IND LTD), 24 September 1996 (1996-09-24)• MICHIELS W ET AL: "MIXED COCATALYST SYSTEMS IN METALLOCENE ETHYLENE POLYMERIZATION" MACROMOLECULAR SYMPOSIA, WILEY VCH, WEINHEIM, DE, vol. 97, 1 July 1995 (1995-07-01), pages 171-183, XP000542002 ISSN: 1022-1360 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Note: Within nine months from the publication of the mention of the grant of the European patent, any person may give notice to the European Patent Office of opposition to the European patent granted. Notice of opposition shall be filed in a written reasoned statement. It shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).

EP 1 291 365 B8