

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
30 April 2009 (30.04.2009)

PCT

(10) International Publication Number
WO 2009/054833 A3

(51) International Patent Classification:
C08F 4/659 (2006.01) *C08F 10/00* (2006.01)

(21) International Application Number:
PCT/US2007/022623

(22) International Filing Date:
25 October 2007 (25.10.2007)

(25) Filing Language: English

(26) Publication Language: English

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:
2 December 2010

(54) Title: CATALYSTS COMPRISING SPECIFIC METALLOCENES AND PROCESS FOR PRODUCING AN OLEFIN POLYMER BY USE OF THE CATALYSTS

(57) Abstract: A process for olefin polymerization includes contacting one or more olefin with a catalyst system under polymerization reaction conditions wherein the catalyst system includes a metallocene, and at least one of an aluminoxane, a Lewis acid or an ionic compound capable of converting the metallocene into a cationic compound. The process is particularly advantageous for the polymerization of ethylene and/or propylene.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/022623A. CLASSIFICATION OF SUBJECT MATTER
INV. C08F4/659 C08F10/00
ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
C08F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DATABASE CA [Online] CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; FUKUOKA, DAISUKE ET AL: "Olefin polymerization catalysts and polymerization of olefins therewith" XP002602418 retrieved from STN Database accession no. 128:257831 * abstract	1-11, 15-33
Y	& JP 10 087716 A (MITSUI PETROCHEMICAL IND) 7 April 1998 (1998-04-07) ----- -/--	12-14, 34-36

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Date of the actual completion of the international search

28 September 2010

Date of mailing of the international search report

14/10/2010

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INTERNATIONAL SEARCH REPORT

International application No

PCT/US2007/022623

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 659 757 A1 (HOECHST AG [DE] BASELL POLYOLEFINE GMBH [DE]) 28 June 1995 (1995-06-28) example D examples 15,18,22 page 8, line 51 page 11, line 1 - page 12, line 26 claims 1,3,4,5,6	1-11, 15-33, 37-41
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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/022623

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