

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
26 June 2008 (26.06.2008)

PCT

(10) International Publication Number
WO 2008/075202 A3

(51) International Patent Classification:
C08F 10/02 (2006.01) *C08F 4/6592* (2006.01)

(21) International Application Number:
PCT/IB2007/004396

(22) International Filing Date:
19 December 2007 (19.12.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
11/641,160 19 December 2006 (19.12.2006) US

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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).

Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
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Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

(88) Date of publication of the international search report:
18 December 2008

(54) Title: POLYMER SUPPORTED METALLOCENE CATALYST COMPOSITION FOR POLYMERIZING OLEFINS

(57) Abstract: A catalyst composition for polymerizing olefins to polymers having bimodal molecular weight distribution comprises two transition metal-containing metallocene compounds, a magnesium compound, an alcohol, an aluminum containing co-catalyst and a polymeric support. The transition metal in one of the metallocene compounds is zirconium and the transition metal in the second metallocene compound is selected from the group consisting of titanium, vanadium and hafnium. Polyolefin polymers made using the catalyst composition have broad molecular weight distributions and are useful in film and blow molding applications.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/IB2007/004396

A. CLASSIFICATION OF SUBJECT MATTER
INV. C08F10/02 C08F4/6592

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, 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	WO 02/26837 A (BOREALIS TECH OY [FI]; JENS KLAUS [NO]; FREDRIKSEN SIW BODIL [NO]; FOL) 4 April 2002 (2002-04-04) claims 1,2,7,13-15	1-3,5-20
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A	US 2004/209764 A1 (HAMED ORASS [SA] ET AL) 21 October 2004 (2004-10-21) the whole document	1-20

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Date of the actual completion of the international search

17 October 2008

Date of mailing of the international search report

28/10/2008

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/IB2007/004396

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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