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Declaration under Rule 4.17:

— as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

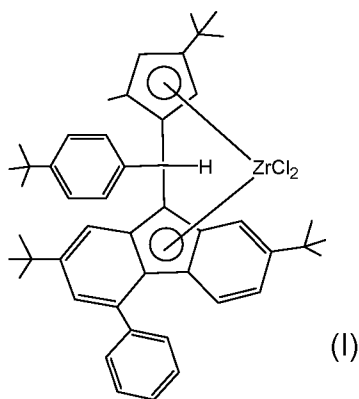
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(54) Title: ISOTACTIC-ATACTIC POLYPROPYLENE AND METHODS OF MAKING SAME



(57) Abstract: A method of producing a polymer comprising contacting in a reaction zone under conditions suitable for polymerization of an alpha-olefin monomer with a metallocene catalyst having at least three asymmetric centers, and recovering an alpha-olefin polymer from the reaction zone. A method of polymerizing propylene comprising contacting in a reaction zone propylene, a cocatalyst, and a metallocene catalyst having the formula including stereoisomers: and recovering polypropylene from the reaction zone. A polypropylene composition having a tensile modulus from 40,000 psi to 300,000 psi, a tensile strength at yield from 2,000 psi to 6,000 psi, a tensile strength at break from 1,000 psi to 3,500 psi, a tensile strength from 1,000 psi to 5,000 Kpsi, an elongation at yield of greater than or equal to 10%, and an elongation at break from 50% to 500%.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US07/74824

A. CLASSIFICATION OF SUBJECT MATTER

IPC: C08F 4/64(2006.01),4/642(2006.01),4/643(2006.01),4/76(2006.01),4/52(2006.01)

USPC: 526/170,160,129,130,134,943,941,901,348,351,352;556/53

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)

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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 practicable, search terms used)

USPAT, US-PGPUB, DERWENT, EPO, JPO, American Chemical Society online journal database

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim 1 lo.
X	GIARDELLO, et al. Journal of the American Chemical Society, 1995, volume 117, pages 12114-12119 (December 1995). Compounds 3a, 2a, 2b, 3b, and 3c. Catalyst on page 12123 and polymerization, table 5.	1-34
X	WO 01/27124 A1 (KAWAI et al.) 19 April 2001 (19.04.2001), metallocene complexes 1201-1300, 1401-1425, 1451-1475 located in columns 36, 37, 39 and 40; cloum 133, lines 20-27, column 141-145, column 142, lines 34-37.	1-34

Further documents are listed in the continuation of Box C.

See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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