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(54) Title: POLYPROPYLENE SOLUTION POLYMERIZATION PROCESS

(57) Abstract: A process for polymerization of propylene, optionally ethylene, and further optionally one or more C₄₋₃₀ α-olefins and/or one or more conjugated or nonconjugated dienes under continuous, solution polymerization conditions to prepare a high molecular weight polymer or interpolymer, said process comprising conducting the polymerization in the presence of a catalyst composition comprising a hafnium complex of a polyvalent aryloxyether.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
 INV. C08F2/04 C08F10/06 C08F4/64

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 C07F

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2006/020624 A (DOW GLOBAL TECHNOLOGIES INC [US]; CARNAHAN EDMUND M [US]; DEVORE DAVID) 23 February 2006 (2006-02-23) the whole document	1,2,8-12
Y	----- the whole document	1-12
Y	US 2005/164872 A1 (BOUSSIE THOMAS R [US] ET AL BOUSSIE THOMAS R [US] ET AL) 28 July 2005 (2005-07-28) the whole document	1-12
A	----- US 6 686 490 B1 (KOL MOSHE [IL] ET AL) 3 February 2004 (2004-02-03) the whole document	1-12

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Date of the actual completion of the international search 25 October 2007	Date of mailing of the international search report 07/11/2007
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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