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(54) Title: POLYOLEFIN SOLUTION POLYMERIZATION PROCESS AND POLYMER

(57) Abstract: A catalyst composition comprising a zirconium complex of a polyvalent aryloxyether and a polymerization processes employing the same, especially a continuous, solution polymerization of ethylene and one or more C₃₋₃₀ olefins or diolefins to prepare interpolymers having improved processing properties, are disclosed.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER INV. C08F2/04 C08F10/02 C08F4/64		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
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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 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.
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X	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
A	US 6 686 490 B1 (KOL MOSHE [IL] ET AL) 3 February 2004 (2004-02-03) the whole document	1-26
X	US 6 420 507 B1 (KALE LAWRENCE T [US] ET AL) 16 July 2002 (2002-07-16) the whole document	25, 26
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<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
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Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Authorized officer BALMER, J	

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