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(54) Title: COORDINATION CATALYST SYSTEMS EMPLOYING CHROMIUM SUPPORT-AGGLOMERATE AND METHOD OF THEIR PREPARATION

(57) Abstract: The present invention is directed to a coordinating catalyst system comprising at least one pre-catalyst selected from late transition metal bidentate or tridentate ligand containing compounds, at least one support-agglomerate having chromium immobilized thereto (e.g., spray dried silica/clay agglomerate), and optionally at least one organometallic compound in controlled amounts, and methods for preparing the same. The resulting catalyst system exhibits enhanced activity for polymerizing olefins and yields polymer products having very good morphology.



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INTERNATIONAL SEARCH REPORT

International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 C08F10/02 C08F4/02 C08F4/70

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)

IPC 7 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

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Y	WO 01 25149 A (CARNAHAN EDMUND M ;JOVANOVIC ZORAN R (US); GARCES JUAN M (US); SUN) 12 April 2001 (2001-04-12) cited in the application page 17 -page 18; examples 1,2 ----	1-62
Y	EP 0 546 503 A (PHILLIPS PETROLEUM CO) 16 June 1993 (1993-06-16) page 4 -page 6 ----	1-62
Y	WO 00 50475 A (EASTMAN CHEM CO) 31 August 2000 (2000-08-31) page 24 -page 29; examples 1-6 ----- -/--	59

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) 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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A	WO 98 27124 A (DU PONT) 25 June 1998 (1998-06-25) cited in the application examples 43-45 -----	1-61

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