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(54) Title: PROCATALYST COMPOSITION WITH SUBSTITUTED 1,2-PHENYLENE AROMATIC DIESTER INTERNAL DONOR AND METHOD

(57) Abstract: Disclosed are procatalyst compositions having an internal electron donor which include a substituted phenylene aromatic diester and optionally an electron donor component. Ziegler-Natta catalyst compositions containing the present procatalyst compositions exhibit high activity and produce propylene-based olefins with broad molecular weight distribution.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

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, 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	US 2005/239636 A1 (GAO MINGZHI [CN] ET AL) 27 October 2005 (2005-10-27) claims 1,10,11; example 4 -----	1,2,7, 17-20
X	US 4 442 276 A (KASHIWA NORIO [JP] ET AL) 10 April 1984 (1984-04-10) example 22 -----	4-9
E	WO 2010/021762 A1 (DOW GLOBAL TECHNOLOGIES INC [US]; CHEN LINFENG [US]) 25 February 2010 (2010-02-25) paragraph [0141] -----	1-9

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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