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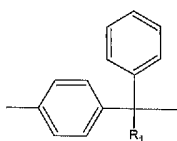
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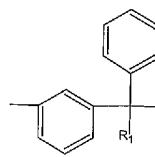
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: END-CAPPED POLYMER CHAINS AND PRODUCTS THEREOF



(I)



(II)

(57) Abstract: The present invention is directed to copolymers that include a plurality of constitutional units that correspond to cationically polymerizable monomer species and a second polymer block that comprises a plurality of constitutional units that correspond to an anionically polymerizable vinylpyridine, e.g., 2-vinylpyridine, and methods for making the same. Such copolymers can also include a linking moiety, e.g., a Formula (I) group, a Formula (II) group, or any combinations thereof.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2006/001057

A. CLASSIFICATION OF SUBJECT MATTER
 INV. C08F295/00 C08F2/38 C08F8/02 C08F297/02 C08F290/04
 ADD. C08F10/10 C08F255/10 C08F226/06

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, CHEM ABS Data, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/114389 A (INTERNATIONAL BUSINESS MACHINES CORPORATION; IBM UNITED KINGDOM LIMITE) 29 December 2004 (2004-12-29) paragraph [0104]; claim 17	23
X	WO 2004/113400 A (SCIMED LIFE SYSTEMS, INC; FAUST, RUDOLF; MUELLER, AXEL) 29 December 2004 (2004-12-29) cited in the application	23
Y	claims 1,10,16-20; examples	1-4, 6-17,22, 24-26
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☒ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

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INTERNATIONAL SEARCH REPORT

International application No

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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.
Y	CHO, JAE CHEOL ET AL: "Synthesis of poly(isobutylene)-poly(alkyl methacrylate) block copolymers by the combination of cationic and anionic polymerizations" POLYMER PREPRINTS (AMERICAN CHEMICAL SOCIETY, DIVISION OF POLYMER CHEMISTRY), 45(1), 1099-1100 CODEN: ACPPAY; ISSN: 0032-3934, 2004, XP009049817 the whole document	1-27
Y	US 5 629 393 A (VARSHNEY ET AL) 13 May 1997 (1997-05-13) claims 7,12	1,5,12, 18-21, 23,27
A	WO 97/34938 A (BASF AKTIENGESELLSCHAFT; MUELLER, AXEL; IVAN, BELA; FELDTHUSEN JENSEN,) 25 September 1997 (1997-09-25) claims; examples 2,5,6 page 2, line 19 - page 4, line 28 page 8, line 1 - page 9, line 29 page 15, line 9 - page 16, line 38 page 17, line 8 - page 22, line 24	1,2,4,5, 7-12,16, 17, 21-23,27
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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PCT/US2006/001057

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