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(71) Applicant (for all designated States except US): **DOW CORNING CORPORATION** [US/US]; Midland, MI 48611 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **WESTALL, Stephen** [GB/GB]; 43 Brookfield Avenue, Barry, South Glamorgan CF63 1EP (GB). **SURGENOR, Avril** [GB/GB]; 7 Gateside Close, Cardiff CF23 8PB (GB). **HUPFIELD, Peter, Cheshire** [GB/GB]; Parc Y Gelli, Henfwlch Road, Trevaughan, Carmarthen SA33 6AA (GB).

(74) Agents: **DAVIES, Peter, V.** et al.; Dow Corning Limited, Cardiff Road, Barry CF63 2YL (GB).

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- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW, ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)
- of inventorship (Rule 4.17(iv)) for US only

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(54) Title: POLYSILOXANES AND THEIR PREPARATION

(57) Abstract: An amino-functional polysiloxane is prepared by reacting an aminosilane (A) which contains an aminoalkyl group and at least one alkoxy group bonded to Si with a carboxylic acid and a silanol-functional polysiloxane (B). The aminosilane (A) is partially converted into its carboxylate salt which acts as a catalyst for the siloxane condensation polymerization reaction between (A) and (B).



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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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 C08G C08L D06M C08J

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P,X	US 6 284 860 B1 (DORSCH NORMAN ET AL) 4 September 2001 (2001-09-04) cited in the application page 1, line 7 - line 12 column 1, line 53 - column 2, line 12 column 3, line 23 - line 27 column 4, line 31 - line 44	1-9, 12, 23
X	& EP 1 000 121 B (WACKER-CHEMIE GMBH) 17 May 2000 (2000-05-17) ---	
X	US 4 523 002 A (CAMPBELL JOHN R ET AL) 11 June 1985 (1985-06-11) claims 1-6 column 6, line 46 - column 7, line 2 column 7, line 62 - line 67 column 8, line 36 - line 60 column 8 - column 9; example 1 ---	1
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

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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

Depijper, R

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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.
A	US 4 633 002 A (PISKOTI CHARLES) 30 December 1986 (1986-12-30) claim 1 column 4, line 12 - line 21 column 4, line 55 - column 5, line 20 column 5; example 2 -----	1
A	EP 0 856 553 A (DOW CORNING) 5 August 1998 (1998-08-05) claim 1 -----	1

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Information on patent family members

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