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- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*
- *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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(54) Title: COATING COMPOSITIONS AND TEXTILE FABRICS COATED THEREWITH

(57) Abstract: An organopolysiloxane composition for coating textile fabrics which is curable to an elastomer comprises at least one organopolysiloxane having silicon-bonded aliphatically unsaturated hydrocarbon groups, an organosilicon crosslinker having at least 3 silicon-bonded hydrogen atoms, a precious metal catalyst and 15 to 30 parts by weight of a filler per 100 parts of the weight of the total composition. The filler has a Moh hardness no greater than 4.5 and a mean particle size no greater than 3.0µm.



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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 C08L C09D D06M D06N C08K

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 ^o	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 354 620 B1 (BUDDEN GRAHAM D ET AL) 12 March 2002 (2002-03-12) column 3, line 29 - column 7, line 46; examples 9-11	1-13
A	----- US 4 618 522 A (MODIC FRANK J) 21 October 1986 (1986-10-21) the whole document -----	1-13

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

☒ Patent family members are listed in annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 6354620	B1	12-03-2002	AU 6532400 A	13-03-2001
			CN 1372610 T	02-10-2002
			EP 1208263 A1	29-05-2002
			JP 2003507588 T	25-02-2003
			WO 0112895 A1	22-02-2001

US 4618522	A	21-10-1986	AU 3464584 A	27-06-1985
			CA 1256338 A1	27-06-1989
			DE 3484277 D1	18-04-1991
			EP 0150385 A2	07-08-1985
			JP 3072754 B	19-11-1991
			JP 60167977 A	31-08-1985
			JP 2300386 A	12-12-1990
			JP 3075667 B	02-12-1991
