



(43) International Publication Date
13 November 2014 (13.11.2014)

WIPO | PCT

(10) International Publication Number
WO 2014/183029 A3

(51) International Patent Classification:

C08G 77/44 (2006.01) C08G 77/458 (2006.01)
C08G 77/442 (2006.01) C08G 77/46 (2006.01)
C08G 77/445 (2006.01) C08L 83/04 (2006.01)
C08G 77/448 (2006.01) C08L 83/10 (2006.01)

(21) International Application Number:

PCT/US2014/037486

(22) International Filing Date:

9 May 2014 (09.05.2014)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

61/821,744 10 May 2013 (10.05.2013) US

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(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IR, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, KM, ML, MR, NE, SN, TD, TG).

Published:

- with international search report (Art. 21(3))
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))

(88) Date of publication of the international search report:

15 January 2015

(54) Title: NON-METAL CATALYZED ROOM TEMPERATURE MOISTURE CURABLE ORGANOPOLYSILOXANE COMPOSITIONS

(57) Abstract: The present invention provides curable compositions that are free of metal catalysts including both tin and non-tin metal catalysts. The curable compositions employ a catalyst comprising curable polymers having reactive terminal silyl groups. In particular, a silylated carboxylic acid is an alternative to organotin or other metal catalysts. In addition, the catalyst may be used with an amino-containing adhesion promoter or a mixture of amine-containing adhesion promoters and an amino-containing siloxane. The combination of these materials accelerates the condensation curing of moisture curable silicones/non-silicones even in the absence of a metal-based catalyst.



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2014/037486

A. CLASSIFICATION OF SUBJECT MATTER

INV. C08G77/44 C08G77/442 C08G77/445 C08G77/448 C08G77/458
C08G77/46 C08L83/04 C08L83/10

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)

C08G C08L C08K C07F

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 practicable, search terms used)

EPO-Internal

C. 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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Y A	US 4 379 766 A (MACK MARK P ET AL) 12 April 1983 (1983-04-12) column 1, lines 11-17 column 1, lines 52-64 ----- -/-	1-9, 11-29 10,30-40



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Date of the actual completion of the international search

14 November 2014

Date of mailing of the international search report

21/11/2014

Name and mailing address of the ISA/

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2014/037486

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
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INTERNATIONAL SEARCH REPORT

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PCT/US2014/037486

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