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(71) Applicant: **DOW GLOBAL TECHNOLOGIES LLC** [US/US]; 2040 Dow Center, Midland, MI 48674 (US).

(72) Inventors: **HEATH, William**; 122 Plum Circle, Lake Jackson, TX 77566 (US). **ATHEY, Phillip, S.**; 119 White Oak, Lake Jackson, TX 77566 (US). **WILMOT, Nathan**; 2807 Bison Bluff, Missiouri City, TX 77459 (US). **SHAH, Harshad, M.**; 6707 Misty Creek, Missouri City, TX 77459 (US). **VYAKARANAM, Kamesh, R.**; 13201 Misty Shore Lane, Pearland, TX 77584 (US). **KNIGHT, Nicole**; 2514 Platinum Chase Drive, Rosharon, TX 77583 (US). **COLSON, Adam, C.**; 111 Loganbary St., #828, Lake Jackson, TX 77566 (US).

(74) Agent: **GARY C. COHN PLLC**; 325 Seventh Avenue, #203, San Diego, CA 92101 (US).

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(54) Title: PHASE-SEGMENTED NON-ISOCYANATE ELASTOMERS

(57) Abstract: Elastomers are prepared from a reaction mixture that contains a polyene compound, an epoxy resin, a thiol curing agent and a basic catalyst. The polyene compound has an average of at least two groups containing aliphatic carbon-carbon double bonds capable of reaction with a thiol group. At least one of said aliphatic carbon-carbon double bonds is separated from each other said aliphatic carbon-carbon double bond by an aliphatic spacer group having a weight of at least 500 atomic mass units. These elastomers are typically phase-separated materials having good elongation and tensile properties.

INTERNATIONAL SEARCH REPORT

International application No
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A. CLASSIFICATION OF SUBJECT MATTER
INV. C08G59/66 C08G59/68 C08L71/02 C08L63/00
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)
C03C C08G C09J

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, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	GB 1 460 571 A (CIBA GEIGY AG) 6 January 1977 (1977-01-06) claims 59-62 page 8, paragraph 5-32 tables I, II -----	1-18
Y	EP 1 970 408 A1 (KANEKA CORP [JP]) 17 September 2008 (2008-09-17) claims 1-20 page 42, paragraph 249 examples 2-4 -----	1-18
A	DE 10 2007 050579 A1 (DRACOWO FORSCHUNGS UND ENTWICK [DE]) 30 April 2009 (2009-04-30) the whole document -----	1-18

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☒ See patent family annex.

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Date of the actual completion of the international search	Date of mailing of the international search report
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Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016	Mensah, Laure

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
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