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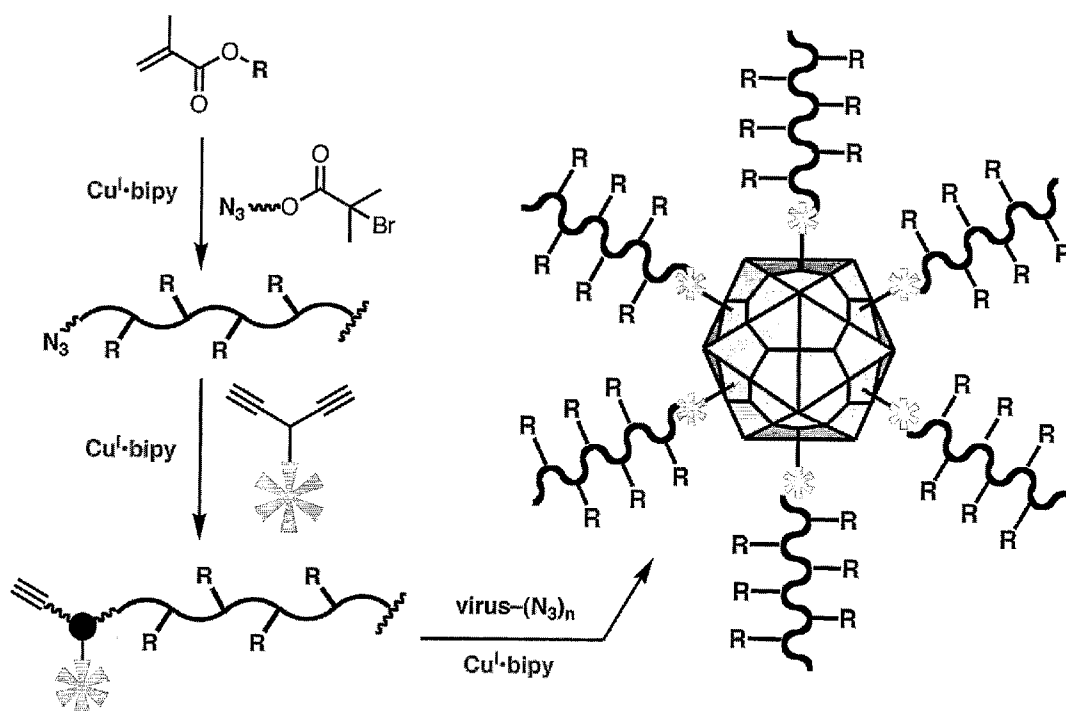
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[Continued on next page]

(54) Title: COMPOSITIONS AND METHODS FOR COUPLING A PLURALITY OF COMPOUNDS TO A SCAFFOLD



(57) Abstract: Compositions and methods are provided for coupling a plurality of compounds to a scaffold. Compositions and methods are further provided for catalyzing a reaction between at least one terminal alkyne moiety and at least one azide moiety, wherein one moiety is attached to the compound and the other moiety is attached to the scaffold, forming at least one triazole thereby.

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 USPC - 548/255
 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)
 USPC - 548/255, 548/262.2, 548/301.1, 548/305.7, 514/93, 436/98

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)

West - terms: alkyne, azide, triazole, scaffold

DialogPRO - terms: alkyne, azide, triazole, scaffold, compound, coupling

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	DIAZ, D.D. et al. Click Chemistry in Materials Synthesis. 1. Adhesive Polymers from Copper-Catalyzed Azide-Alkyne Cycloaddition. J. of Polymer Sci. Part A. Polymer Chemistry 2004, Vol. 42, No. 17, pages 4392-4403.	1-19, 21-39, 41-53
Y	US 5,508,151 A (O'TOOLE, T.R. et al.) 16 April 1996 (16.04.1996), paragraph 15.	1-19, 21-39, 41-53
Y	US 2005/0125077 A1 (HARMON, A. M., et al.) 9 June 2005 (09.06.2005), para. [0100]	11, 14-18, 31, 34-38
Y	US 2004/0059094 A1 (BACHMANN, M.F., et al.) 25 March 2004 (25.03.2004), para [0078]	11, 14-18, 31, 34-38
A,P	US 2005/0222427 A1 (SHARPLESS, K.B. et al.) 6 October 2005 (06.10.2005), entire document.	1-53

Further documents are listed in the continuation of Box C.

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