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(54) Title: SOLID, SELF-BONDABLE ORGANIC POLYMERS AND METHODS FOR USING SAME

(57) Abstract: Solid compositions made from or coated with a non-melting organic polymer having a main glass transition temperature of at least 65°C, few if any isocyanate groups and a wet aged glass transition temperature of up to 60°C are self-bonding materials that are useful in a variety of adhesive and molding operations. Under conditions of heat and moisture, these compositions will self-bond. The compositions can be used as adhesive coatings, which are solid and non-tacky and thus can be transported and stored easily under ambient conditions. These compositions are especially useful in applications in which, due to the location and/or orientation of the substrates, liquid or melting materials cannot be applied easily or will run off the substrates.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2013/071546

A. CLASSIFICATION OF SUBJECT MATTER
 INV. C09J5/02 B29C67/04 C08G18/48 C08G18/76 C08G18/10
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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)
 C09J B29C C08G

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.
X	GB 1 216 925 A (BAYER AG [DE]) 23 December 1970 (1970-12-23) claim 1	1-15
A	----- DE 38 41 560 A1 (WEIGEL FRIEDRICH [DE]) 13 June 1990 (1990-06-13) claims	1-15
A	----- US 2010/222442 A1 (PRISSOK FRANK [DE] ET AL) 2 September 2010 (2010-09-02) claims 11,15	1-15

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Date of the actual completion of the international search 5 June 2014	Date of mailing of the international search report 13/06/2014
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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