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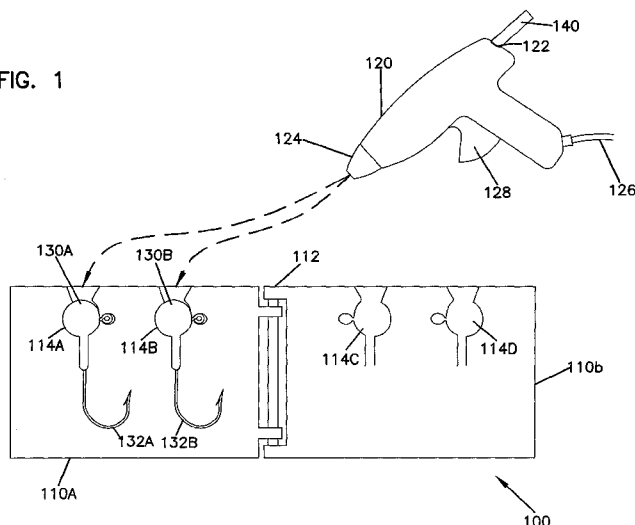
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(54) Title: MELT MOLDING POLYMER COMPOSITE AND METHOD OF MAKING AND USING THE SAME

FIG. 1



(57) Abstract: The invention relates to a hot melt dispensable polymeric composite and process for making and using the composite. Particulates of adequate particle size are mixed with a polymer that exhibits low viscosities at temperatures typically provided by hot-melt glue guns to form rods that vary significantly in density from the base polymer. Novel articles can be manufactured by dispensing the composite from a glue gun into molds or by placement of the melt molding compound into preformed cavities within an end article.

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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)  
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)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/049714 A (WILD RIVER CONSULTING GROUP LL [US]; HEIKKILA KURT E [US]) 2 June 2005 (2005-06-02) claims 1,15,17	1,4,5
X	WO 2007/094764 A (WILD RIVER CONSULTING GROUP LL [US]; HEIKKILA KURT E [US]) 23 August 2007 (2007-08-23) claims 1-19	1,4,5
X	US 6 048 379 A (BRAY ALAN V [US] ET AL) 11 April 2000 (2000-04-11) claims 1-18; examples V,Vi; table 34	1,4,5

Further documents are listed in the continuation of Box C.

See patent family annex.

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Information on patent family members

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