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[Continued on next page]

(54) **Title:** POLYMERIC MOLDS AND ARTICLES MADE THEREFROM

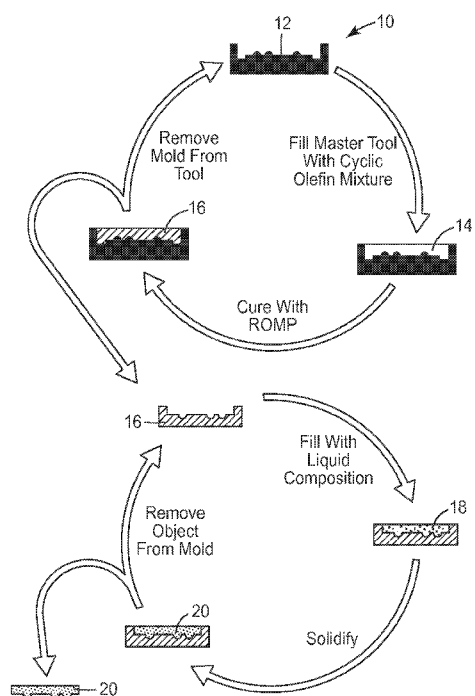


FIG. 1

(57) **Abstract:** Disclosed herein are polymeric molds that can be used to make molded articles. The polymeric molds are made from cyclic olefin polymers that may be formed by ring opening metathesis polymerization (ROMP) of a polycyclic monomer having two or more reactive double bonds and a cyclic monomer comprising one reactive double bond. Fluorinated monomers may be used. The polymeric molds may be structured molds in that they have at least one microstructured feature having a dimension of less than about 2 mm, or less than about 500 um. The polymeric molds may also have a plurality of such microstructured features. Also disclosed herein are methods of making the polymeric molds, methods of making molded articles therefrom, and the molded articles.

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ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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**B. FIELDS SEARCHED**

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models since 1975.  
Japanese utility models and applications for utility models since 1975.

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

e-Kompass " "

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 10-2001-0013130 A (DAINIPPON PRINTING CO., LTD.) 26 February 2001 See abstract, Claim 5 and Figures 4a-4f	1-34
A	US 4940561 A (FRITZ; KENNETH E.) 10 July 1990 See abstract, Claims 1-2 and Figures 3-4	1-34
A	US 5849209 A (KINDT-LARSEN; TURE et al.) 15 December 1998 See abstract, Figure 1	1-34

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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Information on patent family members

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