

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
6 December 2007 (06.12.2007)

PCT

(10) International Publication Number
WO 2007/139986 A3

(51) International Patent Classification:
C08K 7/14 (2006.01) *C08K 7/06* (2006.01)
C08L 27/12 (2006.01)

(21) International Application Number:
PCT/US2007/012593

(22) International Filing Date: 23 May 2007 (23.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/808,437 25 May 2006 (25.05.2006) US
60/839,143 21 August 2006 (21.08.2006) US

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(81) Designated States (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- *with international search report*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
7 February 2008

(54) Title: MELT FABRICATION OF FIBER-FILLED FLUOROPOLYMER

(57) Abstract: A molding process is provided for a composition comprising fiber, such as glass, aramid, PTFE fiber, or carbon fiber, and melt-fabricable fluoropolymer, wherein the decrease in melt flowability of the composition as arises when the composition is provided to the process as conventional size melt-formed pellets is minimized by providing the composition to the process in the form melt-formed particles, at least 80 wt% of these particles having a width no greater than about 70 mils (1784 micrometers).



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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/012593

A. CLASSIFICATION OF SUBJECT MATTER

INV. C08K7/14 C08L27/12 C08K7/06

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 C08L C08J

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)

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 1 339 789 A (DU PONT) 5 December 1973 (1973-12-05) examples 1,2 claims 1-16	1-17
Y	A.R. BERENS AND V.L. FOLT: "Particle Size and Molecular Weight Effects on the Melt Flow of Emulsion PVC" POLYMER ENGINEERING AND SCIENCE, vol. 9, no. 1, 1 January 1969 (1969-01-01), pages 27-34, XP002461935 the whole document	1-17



Further documents are listed in the continuation of Box C.



See patent family annex.

* Special categories of cited documents:

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"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

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Date of the actual completion of the international search

11 December 2007

Date of mailing of the international search report

20/12/2007

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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No

PCT/US2007/012593

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 1339789	A	05-12-1973	BE 765931 A1 16-09-1971
			DE 2118920 A1 18-11-1971
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			NL 7105301 A 22-10-1971