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(54) Title: METHODS FOR MELT-PROCESSING THERMOPLASTIC FLUOROPOLYMERS

(57) Abstract: A method comprising melt-processing a first composition. The first composition comprises a first fluoropolymer having a relaxation exponent of from 0.93 to 1.0 and a second fluoropolymer having a relaxation exponent of from 0.30 to 0.92. A method comprising melt-processing a first composition, wherein the first composition comprises a first fluoropolymer having an LCBI of from 0 to 0.1 and a second fluoropolymer having an LCBI of at least 0.2. A method comprising melt-processing a first composition, wherein the first composition comprises a core-shell polymer having a first fluoropolymer portion and a second fluoropolymer portion. The extrusion products have a lower width homogeneity index value than observed in state of the art fluoropolymers.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

C08L 27/12(2006.01)i, C08F 12/20(2006.01)i, C08F 214/18(2006.01)i

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)
IPC 8 : C08L 27/12, C08F 12/20, C08F 214/18

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)
eKIPASS; PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 2006/057331 A1 (DAIKIN INDUSTRIES, LTD.) 01 June 2006 See the abstract; and the claims.	1-21
A	WO 2006/057332 A1 (DAIKIN INDUSTRIES, LTD.) 01 June 2006 See the abstract; and the claims.	1-21
A	WO 2004/111124 A3 (3M INNOVATIVE PROPERTIES COMPANY) 23 Dec. 2004 See the abstract; and the claims.	1-21
A	KR 10-1991-0018473 A (EI DuPont De Nemours & Company) 30 Nov. 1991 See the abstract; and the claims.	1-21
A	US 4,748,204 A (Chikashi Kawashima et al.) 31 May 1988 See the abstract; and the claims.	1-21

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:
"A" document defining the general state of the art which is not considered to be of particular relevance
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"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search	Date of mailing of the international search report
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INTERNATIONAL SEARCH REPORT

Information on patent family members

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