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(54) Title: EMULSION POLYMERIZATION OF DIPOLYMERS OF TETRAFLUOROETHYLENE AND 3,3,3-TRIFLUOROPROPENE

(57) Abstract: An aqueous semi-batch polymerization process is disclosed for the manufacture of dipolymers of tetrafluoroethylene and 3,3,3-trifluoropropene that contain between 45 and 95 mole percent tetrafluoroethylene and between 5 and 55 mole percent 3,3,3-trifluoropropene.

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/008051

A. CLASSIFICATION OF SUBJECT MATTER
INV. C08F2/00 C08F2/22 C08F214/18 C08F214/26

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)
C08F

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, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 770 404 B1 (WHELAND ROBERT CLAYTON [US] ET AL) 3 August 2004 (2004-08-03) cited in the application example 7	1-7
A	WO 02/092687 A (DUPONT DOW ELASTOMERS LLC [US]) 21 November 2002 (2002-11-21) claims 13,14; example 1	1-7
A	WO 02/092683 A (DUPONT DOW ELASTOMERS LLC [US]) 21 November 2002 (2002-11-21) claim 13; examples 2,3	1-7

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

☒ See patent family annex.

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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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European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Gold, Josef

INTERNATIONAL SEARCH REPORT

Information on patent family members

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