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(54) Title: AQUEOUS DISPERSIONS OF NUCLEATING AGENTS

(57) Abstract: A storage stable aqueous dispersion useful in preparing sizing compositions for glass fibers contains a normally solid nucleating agent, a nonionic surfactant, and a base. The nucleating agent is a mixture of an aliphatic monocarboxylic acid and an aliphatic dicarboxylic acid. Also disclosed are the process of making the dispersion, and the use of the sized glass fibers in glass fiber reinforced polyolefin composites having improved mechanical properties such as tensile strength, flexural strength, and notched and unnotched IZOD.

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/US 01/43332

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C03C25/24 C03C25/26

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)

IPC 7 C03C 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)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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A	US 5 300 549 A (WARD JAMES J ET AL) 5 April 1994 (1994-04-05) cited in the application the whole document ---	1-15
A	US 5 319 012 A (WARD JAMES J ET AL) 7 June 1994 (1994-06-07) cited in the application the whole document -----	1-15

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

☒ Patent family members are listed in annex.

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- * & * document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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