Title: POLYESTER POLYMER AND COPOLYMER COMPOSITIONS CONTAINING METALLIC TUNGSTEN PARTICLES

Abstract: Polyester compositions are disclosed that are suitable for molding, and that include polyester polymers or copolymers having incorporated therein metallic tungsten particles that improve the reheat properties of the compositions. Processes for making such compositions are also disclosed. The tungsten particles may be incorporated in the polyester by melt compounding, or may be added at any stage of the polymerization, such as during the melt-phase of the polymerization. A range of particle sizes may be used, as well as a range of particle size distributions. The polyester compositions are suitable for molding, and for use in packaging made from processes in which a reheat step is desirable.
INTERNATIONAL SEARCH REPORT

A. CLASSIFICATION OF SUBJECT MATTER

C08K3/08

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 C08G B29C

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, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

<table>
<thead>
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<th>Category</th>
<th>Citation of document, with indication, where appropriate, of the relevant passages</th>
<th>Relevant to claim No.</th>
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| A        | PATENT ABSTRACTS OF JAPAN
vol. 2003, no. 12,
5 December 2003 (2003-12-05)
& JP 2003 306601 A (TOYOBO CO LTD),
31 October 2003 (2003-10-31)
abstract |
| A        | PATENT ABSTRACTS OF JAPAN
vol. 2000, no. 25,
12 April 2001 (2001-04-12)
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21 August 2001 (2001-08-21)
abstract |
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9 October 2001 (2001-10-09)
claim 1 |

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

* Special categories of cited documents:

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*L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

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**X** document member of the same patent family

Date of the actual completion of the international search

3 February 2006

Date of mailing of the international search report

16/02/2006

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Niaounakis, M
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