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(54) Title: FLAME RETARDANT SEMI-AROMATIC POLYAMIDE COMPOSITION AND MOULDED PRODUCTS MADE THEREFROM

(57) Abstract: The invention relates to a flame retardant polyamide composition comprising (A) a semi-crystalline semi-aromatic polyamide, (B) a semi-crystalline aliphatic polyamide and (C) a halogen free flame retardant system comprising a metal salt of a (di)phosphinic acid, a melamine condensation product, a polyphosphate salt of melamine or a polyphosphate salt of a melamine condensation product, or any mixture thereof; wherein the weight ratio of (A):(B) is in the range of 75:25 – 98:2, and (B) has a number average molecular weight (Mn) of more than 7500g/mol. The invention also relates to an article made of the flame retardant polyamide composition.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. C08L77/00 C08L77/02 C08L77/06 C08L77/10
ADD. C08K5/00 C08K5/3492 C08K5/5313 C08K7/14

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

C09K C08L 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 practicable, 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.
X	DATABASE WPI Week 200502 Thomson Scientific, London, GB; AN 2005-015687 XP002648553, -& JP 2004 300189 A (ASAHI KASEI KK) 28 October 2004 (2004-10-28) abstract paragraph [0014] paragraph [0027] examples 4,5 claims	1-15
X	US 2010/069539 A1 (MORIMOTO KEI [JP] ET AL) 18 March 2010 (2010-03-18) paragraph [0094] examples 1-7,14 ----- -/-	1-15



Further documents are listed in the continuation of Box C.



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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2007/072970 A1 (SCHNEIDER EWALD [CH]) 29 March 2007 (2007-03-29) examples paragraph [0025] - paragraph [0035] claims -----	1-15

INTERNATIONAL SEARCH REPORT

Information on patent family members

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