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Declarations under Rule 4.17:

- as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))
- as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))

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(54) Title: POLY(ARYLENE ETHER) COMPOSITION, METHOD, AND ARTICLE BACKGROUND OF THE INVENTION

(57) Abstract: The ultraviolet light stability of a poly(arylene ether)/elastomer composition is improved when the ultraviolet light stabilizers are pre-compounded with at least a portion of the elastomer component of the composition. A method of preparing the poly(arylene ether) composition is described, as are the composition itself and articles prepared from the composition.

A. CLASSIFICATION OF SUBJECT MATTER

C08L 71/12(2006.01)i, C08L 25/10(2006.01)i, C08L 23/16(2006.01)i, C08K 5/23(2006.01)i, C08K 5/17(2006.01)i, C08K 5/1515(2006.01)i, C08K 5/521(2006.01)i, C08K 5/5313(2006.01)i, C08L 53/02(2006.01)i, C08J 3/22(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 : C08L 71/12, C08L 25/10, C08L 23/16, C08K 5/23, C08K 5/17, C08K 5/1515, C08K 5/521, C08K 5/5313, C08L 53/02, C08J 3/22

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)

eKOMPASS(KIPO internal) & keywords: polyphenylene ether, thermoplastic, ultraviolet, stabilizer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2008/0206468 A1 (Steven Raymond Klei et al.) 28 Aug. 2008 See the abstract; the examples; and the claims.	1-6, 17-20, 23
Y	US 2008/0206449 A1 (Steven Raymond Klei et al.) 28 Aug. 2008 See the abstract; the examples; and the claims.	1-6, 17-20, 23
Y	US 4,440,887 A (Hans Hinsken et al.) 03 Apr. 1984 See claim 7.	1-6, 17-20, 23
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A	US 4,551,494 A (Johannes H. G. M. Lohmeijer) 05 Nov. 1985 See the whole document.	1-6, 17-20, 23
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A	US 4,493,915 A (Johannes H. G. M. Lohmeijer) 15 Jan. 1985 See the whole document.	1-6, 17-20, 23

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
 "E" earlier application or patent but published on or after the international filing date
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 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"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
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family


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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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