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27 December 2012

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(54) **Title**: FLUOROPOLYMER FILMS AND METHODS FOR MAKING THE SAME

(57) **Abstract**: Embodiments of films and methods for making the films are provided. The film comprises a fluoropolymer layer having a surface and comprising a melt processable fluoropolymer and a functionalized polymer dispersed throughout the fluoropolymer layer. A portion of the functionalized polymer is disposed at the surface of the fluoropolymer layer for bonding to a second layer.

INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER

C08J 5/18(2006.01)i, C08J 7/04(2006.01)i, C08L 27/12(2006.01)i, B32B 27/08(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)

C08J 5/18; B32B 27/08; G11B 5/64; B32B 27/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean utility models and applications for utility models
Japanese utility models and applications for utility models

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS(KIPO internal) & Keywords:film, fluoropolymer, functionalized, polymer, dispose, surface, layer

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y A	US 2002-0012801 A1 (JEAN-MARIE OREINS et al.) 31 January 2002 See claims 1,8,15; paragraphs [0017],[0022],[0040]	1-3 4-10
Y A	US 2007-0154704 A1 (MICHAEL DEBERGALIS et al.) 05 July 2007 See claims 1,8; paragraphs [0006], [0010]	1-3 4-10

☐ 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

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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

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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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INTERNATIONAL SEARCH REPORT

Information on patent family members

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