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- (71) Applicant: **POLYMER GROUP, INC.** [US/US]; 4838 Jenkins Avenue, North Charleston, SC 29406 (US).
- (72) Inventors: **ERDOS, Valeria, Griep**; Prudente de Moraes, 219, Porte Alegre, RS 91330 (BR). **BEVINS, Errette, III**; 1077 Woodrow Avenue, Waynesboro, VA 22980 (US). **CHANG, Kuo-Shu, Edward**; 8114 Anzack Lane, Charlotte, NC 28269 (US).
- (74) Agent: **GEIMER, Stephen, D.**; Wood, Phillips, Katz, Clark & Mortimer, Citicorp Center, Suite 3800, 500 West Madison Street, Chicago, IL 60661-2511 (US).
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(54) Title: BONDABLE THERMOPLASTIC CONSTRUCTS WITH IMPROVED WETTABILITY

(57) Abstract: The present invention is directed to the combined use of a dispersant as an internal melt additive and a surfactant as an outer topical additive to impart or improve the wettability of extruded thermoplastic constructs. A dispersant is provided to, and blended with, a thermoplastic polymer which is then formed into a thermoplastic construct. A surfactant is then applied to the thermoplastic construct to impart or improve the wettability of the thermoplastic construct.

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC(7) : B 32 B 27/04, 27/02
 US CL : 442/118, 167, 168, 169, 170
 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)
 U.S. : 442/118, 167, 168, 169, 170

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)
 EAST


C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ✓	US 6,300,258 B1 (STANO et al.) 09 October 2001 (09.10.2001), columns 7-9.	1-10
X ✓	US 6,043,168 A (COLMAN et al.) 28 March 2000 (28.03.2000), columns 2-4.	1-10

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

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703)305-3230	Authorized officer Peter D. Mulcahy  Telephone No. 703-308-2351
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