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(54) Title: GEL COAT COMPOSITION

(57) Abstract: A gel coat for a surface of a composite article contains a curable urethane acrylate resin preferably based on aliphatic polyester polyols and aliphatic polyisocyanates. The gel coat provides a surface that has high gloss and color retention after prolonged exposure to ultraviolet radiation. The gel coat composition contains resin and acrylic diluents, including optional difunctional and trifunctional diluents. The gel coat is optionally pigmented to produce an article that may be used without further surface treatment.

**INTERNATIONAL SEARCH REPORT**

International application No.  
PCT/US03/22668

**A. CLASSIFICATION OF SUBJECT MATTER**  
 IPC(7) : C08G 18/04  
 US CL : 524/871; 528/75  
 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. : 524/871; 528/75

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)


**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,159,044 A (BOGNER) 27 October 1992 (27.10.1992), see entire document, particularly Table 3.	1-31
X	US 4,182,830 A (FORD, JR.) 08 January 1980 (08.01.1980), see entire document, for instance Example 16.	1-31

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

* Special categories of cited documents:	"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
"A" document defining the general state of the art which is not considered to be of particular relevance	"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
"E" earlier application or patent published on or after the international filing date	"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
"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)	"&" document member of the same patent family
"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	

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