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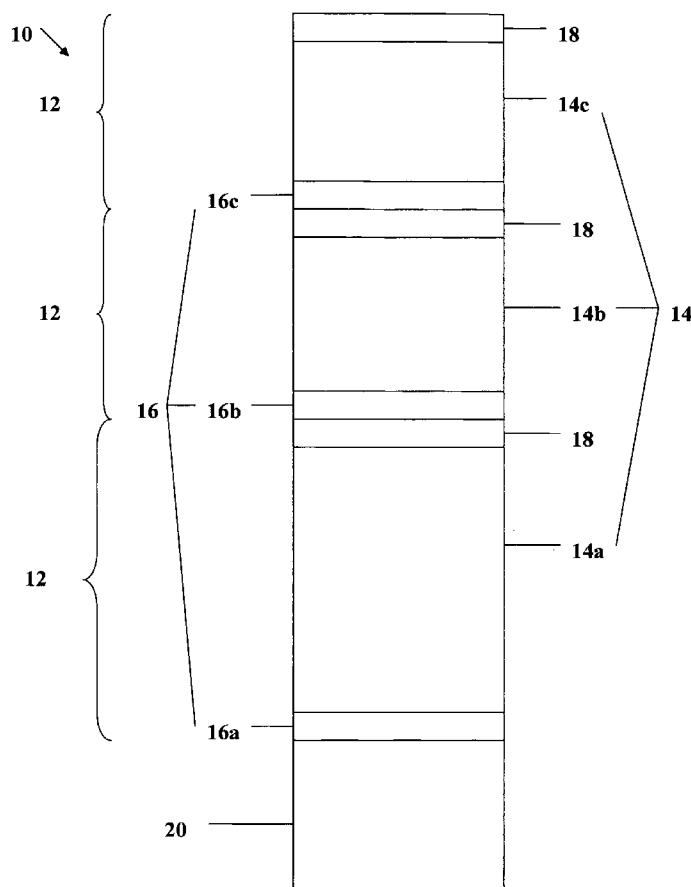
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[Continued on next page]

(54) Title: TRANSPARENT LAMINATED STRUCTURE WITH PEEL AWAY LAYERS



(57) Abstract: A transparent laminated structure having multiple peel-away laminated film layers for protecting windscreens, particularly windscreens of rotary aircraft, from environmental conditions. The laminated structure includes at least one laminated layer wherein each layer includes a film, a bonding layer on a first major side of the film for releaseably attaching the film to either the windscreen or to an adjacent laminated film layer, a conductive material on a second major side of the film for dissipating electrostatic charging in the laminated structure that may occur due to accumulated precipitation static during aircraft flight, and a hard coat layer for protecting the relatively softer film against abrasion. As the outermost film layer becomes degraded below acceptable levels, that film may be easily removed, exposing a subsequent unblemished film layer.

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European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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Published:

— *with international search report*

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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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US05/18771

A. CLASSIFICATION OF SUBJECT MATTER

IPC: B60J 1/20(2006.01)

USPC: 296/95.1

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. : 296/95.1, 136.02, 136.01; 160/370.21; 150/168; 428/40.1, 441

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.
Y	US 5,002,326 A (WESTFIELD et al.) 23 March 1991 (23.03.1991), see total document.	1-20
Y	US 6,660,389 A (LIU et al.) 09 December 2003 (09.12.2003), see total document.	1-20
Y	US 5,860,689 A (CAMPFIELD et al.) 19 January 1999 (19.01.1999). see total document.	5

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Further documents are listed in the continuation of Box C.

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See patent family annex.

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document member of the same patent family

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