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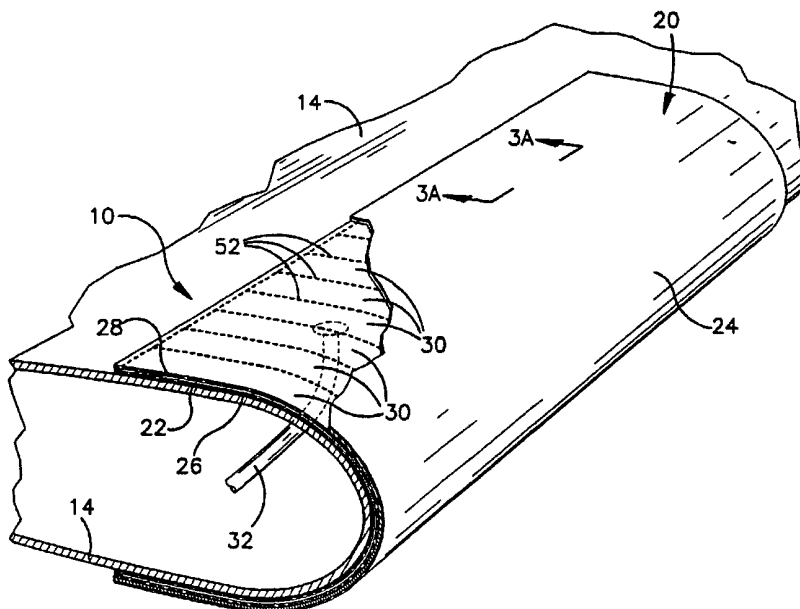
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[Continued on next page]

(54) Title: DEICER FOR AIRCRAFT



(57) Abstract: A deicer (10) is provided for breaking up and removing accumulated ice on an airfoil surface (14). The deicer (10) includes a bondside surface (22) that is bonded to the airfoil surface (14), a breezieside surface (24) on which the ice will accumulate, and passage-defining surfaces therebetween. The passage-defining surfaces define a plurality of expansible and contractible inflation passages (30) and include a moisture-impervious coating whereby moisture within the inflation passages (30) will not be absorbed by the surfaces (26, 28). The bondside, breezieside (24) and passage-defining surfaces (26, 28) may be contained on a deicer panel (10) and means may be provided for introducing inflation fluid to an evacuating inflation fluid from the passages (30) to expand and contract the inflation passages (30) to break up and remove the accumulated ice.



— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B64D

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 practical, search terms used)

WPI Data, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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X	US 5 813 631 A (BUTLER DONALD E ET AL) 29 September 1998 (1998-09-29) column 3, line 5-29 --- -/--	1-7, 11-13, 17, 20-22, 30-33



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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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.

G document member of the same patent family

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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