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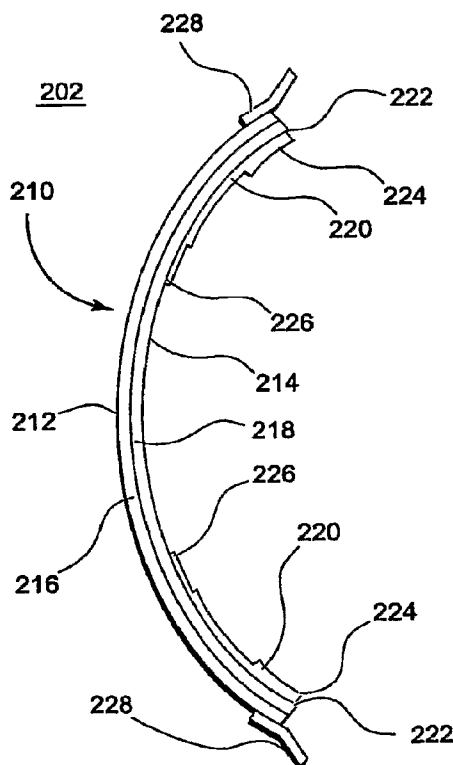
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[Continued on next page]

(54) Title: DEFORMABLE FORWARD PRESSURE BULKHEAD FOR AN AIRCRAFT



(57) Abstract: An aircraft forward pressure bulkhead (200) as described herein includes a malleable and deformable dome (210) that is configured to "catch" foreign objects, such as birds. The dome is intentionally designed to deform in response to a foreign object strike that imparts at least a threshold amount of impact energy to the bulkhead. The dome is free of rigid stiffeners and non-deformable reinforcement members that would otherwise hinder the flexible characteristic of the dome. Practical embodiments of the bulkhead utilize fewer parts, are less heavy, and are less expensive than traditional bulkheads that utilize rigid stiffeners.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

INV. B64C1/10

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)

B64C

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)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 387 400 A2 (DORNIER LUFTFAHRT [DE]) 19 September 1990 (1990-09-19) column 1, lines 41-47 column 3, line 12 - column 4, line 31 figures 1-3	1-10
A	EP 1 544 104 A1 (AIRBUS FRANCE [FR]) 22 June 2005 (2005-06-22) the whole document	1-10



Further documents are listed in the continuation of Box C.



See patent family annex.

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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