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(54) Title: MAIN ROTOR BLADE WITH INTEGRAL TIP SECTION

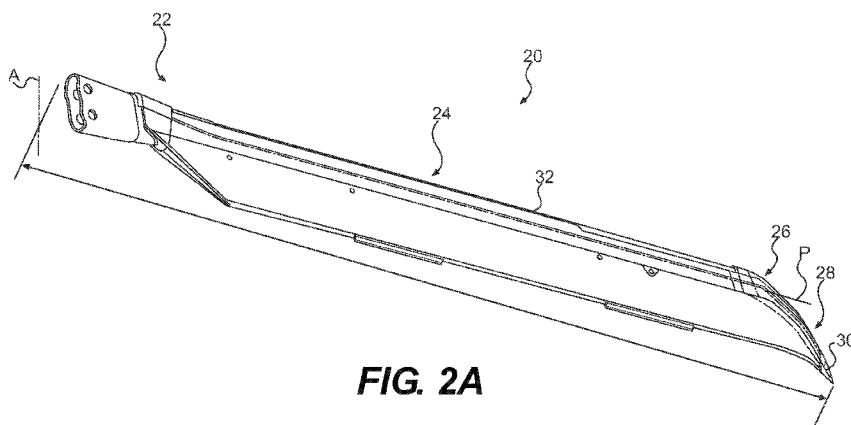


FIG. 2A

(57) Abstract: A main rotor blade assembly includes a tip spar which defines a tip spar non-straight form, an upper blade skin which defines an upper blade skin non-straight form adjacent to the tip spar non-straight form and a lower blade skin which defines a lower blade skin non-straight form adjacent to the tip spar non-straight form.



INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2008/084447**A. CLASSIFICATION OF SUBJECT MATTER*****B64C 27/467(2006.01)i, B64C 27/473(2006.01)i, B64C 11/18(2006.01)i, B64C 11/26(2006.01)i***

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)

IPC : B64C 27/467, B64C 27/473, B64C 11/18, B64C 11/26, B64C 27/46, F03D 1/06

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKOMPASS (KIPO internal) & Keywords : blade, aircraft and three dimensional flow

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2460351 A (HOFFMAN, FRANCIS ANTHONY et. al.) February 1 1949 See claim 1 and Figures 1-12	1-17
A	US 4295790 A (EGGERT, WALTER S. Jr) October 20 1981 See abstract and Figures 1-3	1-17
A	US 5332362 A (TOULMAY, FRANCOIS V. et. al.) July 26 1994 See abstract and Figures 1-8	1-17
A	US 4142837 A (DE SIMONE, GARY J.) March 6 1979 See abstract and Figures 1-7	1-17
A	US 4880355 A (VUILLET, ALAIN E. et. al.) November 14 1989 See abstract and Figures 1-14	1-17

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

* Special categories of cited documents:

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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US 5332362 A	26.07.1994	NONE	
US 4142837 A	06.03.1979	JP 01367148 C JP 54-075796 A JP 61-033760 B	26.02.1987 16.06.1979 04.08.1986
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