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(54) Title: PLANETARY DE-ROTATION SYSTEM FOR A SHAFT FAIRING SYSTEM

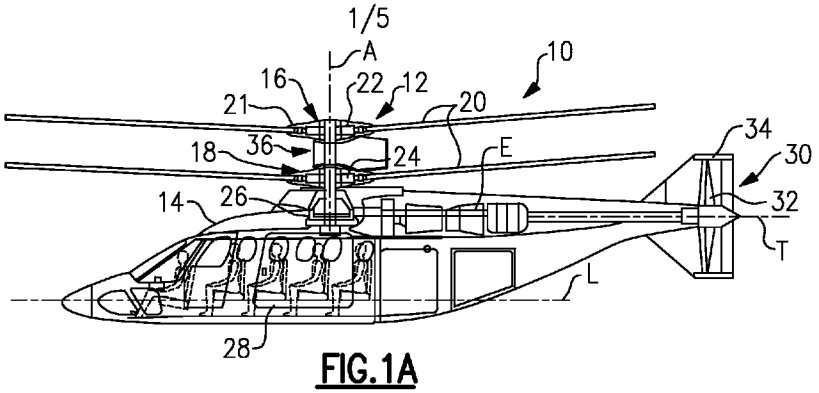


FIG.1A

(57) Abstract: A de-rotation system includes a planetary gear set, and a fairing support structure mounted for rotation with a first ring gear.

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INTERNATIONAL SEARCH REPORT

International application No.
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A. CLASSIFICATION OF SUBJECT MATTER
IPC(8) - B63H 1/28, 5/00, 7/00, 13/00, 15/00 (2008.04)
USPC - 416 / 244R
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(8) - B63H 1/28, 5/00, 7/00, 13/00, 15/00 (2008.04)
USPC - 416 / 244R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
USPC - 244 / 7A, 17.11, 17.23; 415/119; 416/128, 204R, 244R, 93R

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
PUBWEST (PBPB, USPT, EPAB, JPAB); Google Patents; WIPO PATENSCOPE; GOOGLE.COM
Search Terms Used: ring, gear, planet, cage, helicopter, rotor, counter, contra, fairing, derotation, planetary gears, sikorsky

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,152,668 A (BULMAN et al.) 06 October 1992 (06.10.1992), entire document especially FIGS. 4 - 5, 7, col 4 ln 35 - col 5 ln 6; col 4 ln 3 - 33, col 8 ln 24 - 60	1 - 6 --- 7 - 21
Y	US 2007/0181741 A1 (DARROW, JR. et al.) 09 August 2007 (09.08.2007), entire document especially FIGS. 1B, 1C, 2A, 2B, paras. [0036] - [0037], [0041] - [0044], [0054] - [0055]	7 - 21
A	US 2007/0166163 A1 (BERTOLOTTI et al.) 19 July 2007 (19.07.2007)	1 - 21
A	US 2005/0067527 A1 (PETERSEN) 31 March 2005 (31.03.2005)	1 - 21

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Date of the actual completion of the international search	Date of mailing of the international search report
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