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(71) Applicant *(for all designated States except US)*: **ROTATING COMPOSITE TECHNOLOGIES LLC** [US/US]; 21 Quarry Road, Simsbury, Connecticut 06070 (US).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **VIOLETTE, John A.** [US/US]; 30 Haven Drive, Granby, Connecticut 06035 (US). **LOOS, Eric Stephen** [US/US]; 147 Woodland Heights, Cromwell, Connecticut 06416 (US).

(74) Agent: **GROHS, Wayne Raymond**; Michaud-Duffy Group LLP, 306 Industrial Park Road, Suite 206, Middletown, Connecticut 06457 (US).

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(54) Title: FAN BLADE RETENTION AND VARIABLE PITCH SYSTEM

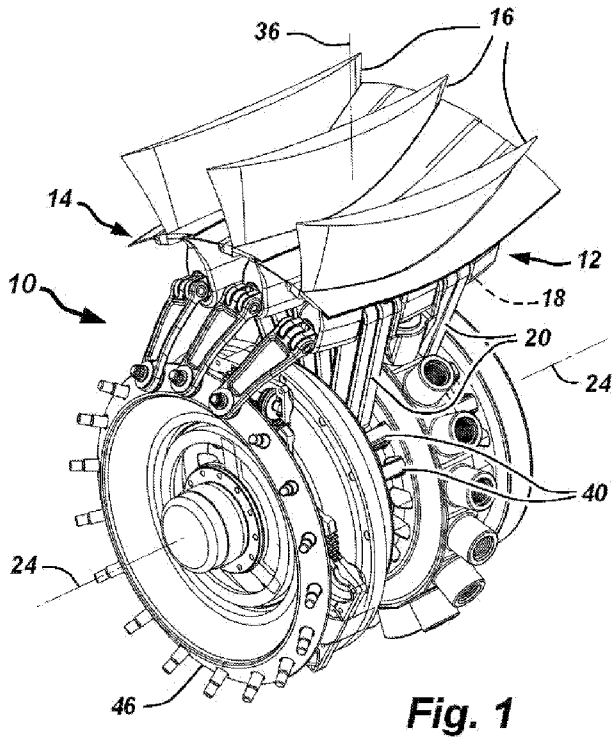


Fig. 1

(57) Abstract: A system (10) for providing variable pitch to a rotor blade (16) of an aircraft engine includes a rotatable hub (34); at least one blade mounted on the rotatable hub; a gear mechanism operably connected to the rotatable hub; a timing ring (46) rotatably and operably connected to the gear mechanism; and a pitch arm (74) operably connecting the timing ring and the at least one blade mounted on the rotatable hub. In the operation of the system, the gear mechanism facilitates the rotation of the timing ring to vary the pitch of the at least one blade mounted on the rotatable hub.

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

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X	GB 2 197 912 A (UNITED TECHNOLOGIES CORP UNITED TECHNOLOGIES CORP [US]) 2 June 1988 (1988-06-02) abstract; figures 1-4	1,10
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X	US 4 021 142 A (VIOLETTE JOHN A) 3 May 1977 (1977-05-03) abstract; figures 2-4	1,10

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[X] See patent family annex.

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