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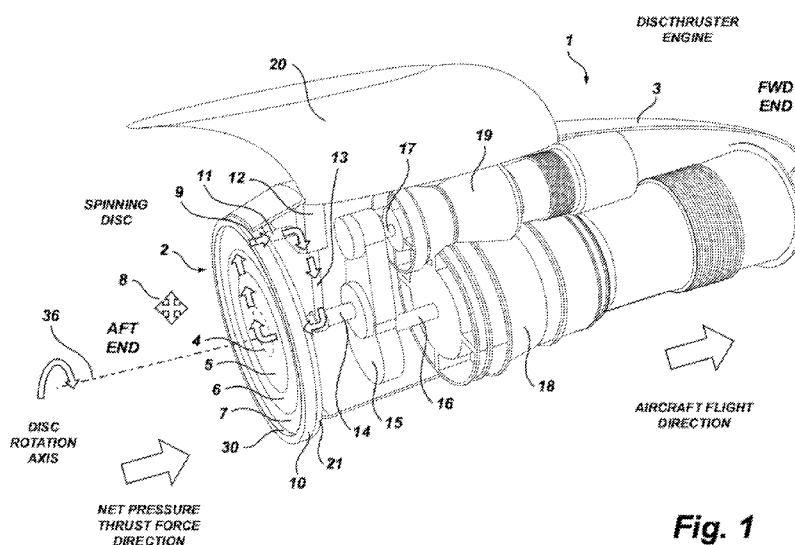


Fig. 1

(57) Abstract: An aircraft, launch vehicle, or spacecraft propulsion device which creates thrust in the form of pressure thrust, as opposed to momentum thrust, wherein a thin round disc spins about its disc rotation axis being driven by a turboshaft engine or other device, wherein the disc exhibits a series of ring-like concentric circumferential disc zones on its flat surface, beginning from the innermost radius out to the circumferential edge of the disc. Each disc zone contains a plurality of interconnected components in series, including a fluid pump, a converging only sonic choking nozzle, and a fluid collector.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 15/68361

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - F03G 3/00 (2016.01)

CPC - F03G7/10

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)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 IPC(8): F03G 99/00, F16H 33/00, F16H 15/30, F16H 33/02 (2016.01) CPC: F03G 7/00, F03G 7/002, F03G 7/005, F03G 2007/007, F03G 7/04, F03G 7/05, F03G 7/06, F03G 7/065, F03G 7/08, F03G 3/00, F03G 99/00, F16H 33/00, F16H 15/30 F16H 33/02 UC: 74/433.5

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
 PatBase; ProQuest Dialog; Google Patent; Google Web; Google Scholar Search Terms: inertia, reactionless, drive, propulsion, thrust, working fluid, "differential pressure", "pressure thrust propulsion", fluid, pump, collector, nozzle, sonic, chok", "pressure thrust", "fluid", pump*, nozzle*

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6,692,318 B2 (McBride). 17 February 2004 (17.02.2004). Col 16, ln 20-24.	1-20
A	US 2007/0295010 A1 (Stephens). 27 December 2007 (27.12.2007). Para [0081].	1-20
A	WO 85/03743 A (BOLESTA). 29 August 1985 (29.08.1985). Fig. 1; p 6, ln 28-30; p 7, ln 16-21.	1-20
A	US 2008/0127775 A1 (Stoner). 05 June 2008 (05.06.2008). Entire document.	1-20
E	US 2016/0208742 A1 (Pande). 21 July 2016 (21.07.2016). Entire document.	1-20

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