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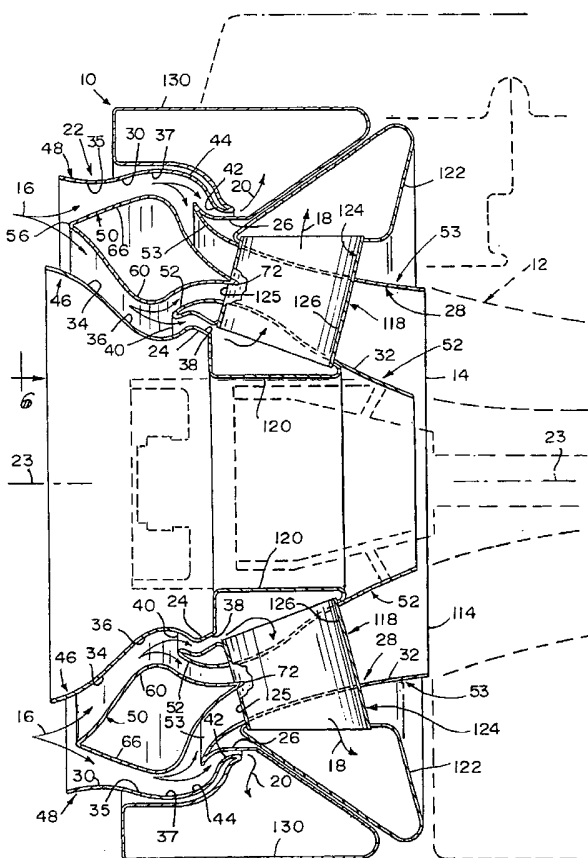
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[Continued on next page]

(54) Title: PARTICLE SEPARATOR FOR A TURBINE ENGINE



(57) Abstract: A particle separator (10) for use with a turbine engine (12) is arranged to divide a flow of air into a radially inner air flow and a radially outer air flow. The particle separator (10) is further arranged to separate inner particles from the inner air flow to allow air from the inner air flow to enter the turbine engine without the inner particles and arranged to separate outer particles from the outer air flow to allow air from the outer air flow to enter the turbine engine without the outer particles.

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/24422

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : F02G 3/00
 US CL : 60/39.092

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)
 U.S. : 60/39.092; 55/306; 415/121.2

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
 particles, separator, turbine, compressor

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

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,860, 534 A (EASLEY et al) 29 August 1989, see entire document	1-27
A	US 4,592,765 A (BREITMAN et al) 03 June 1986, see entire document	1-27
A	US 6,134,874 A (STOTEN) 24 October 2000, see entire document	1-27
A,P	US 6,499,285 B1 (SNYDER) 31 December 2002, see entire document	1-27

Further documents are listed in the continuation of Box C.

See patent family annex.

* Special categories of cited documents:	"T"
"A" document defining the general state of the art which is not considered to be of particular relevance	later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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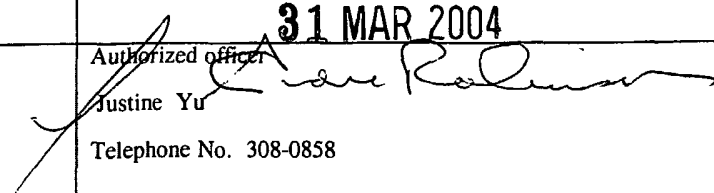
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