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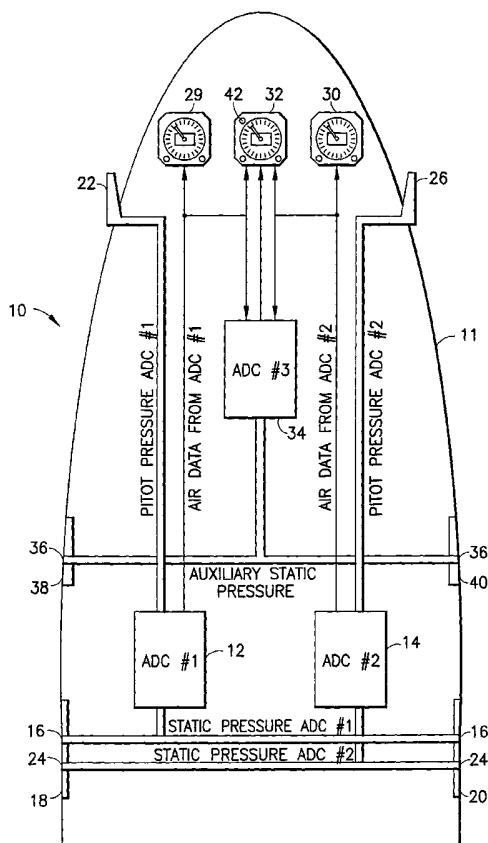
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[Continued on next page]

(54) Title: REDUNDANT ALTIMETER SYSTEM WITH SELF-GENERATING DYNAMIC CORRECTION CURVE

(57) Abstract: In an aircraft conventionally-including a redundant pair of independent primary altitude determination systems of accuracy certified for RVSM operations, an initially loosely calibrated backup altimeter (32) receives independent static pressure data for use in calculating altitude.



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INTERNATIONAL SEARCH REPORT

International application No.
PCT/US02/06408**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(7) :G01L 7/12

US CL :73/387

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 73/384, 386; 701/4, 9, 10, 13, 14, 208, 214, 216; 244/180, 181; 340/970

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

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

EAST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,088,634 A (MULLER et al.) 11 July 2000 (11.07.00), entire patent	1-16
Y, P	US 6,266,583 B1 (TAZARTES et al) 24 July 2001 (24.07.01), entire patent.	1-16
A	US 4,507,962 A (HITT et al.) 02 April 1985 (02.04.85), entire patent.	1-16
A,P	US 6,216,064 B1 (JOHNSON et al.) 10 April 2001 (10.04.01), entire patent.	1-16
A	US 6,092,009 A (GLOVER) 18 July 2000 (18.07.00), entire patent.	1-16
A	US 5,986,604 A (NICHOLS et al) 16 November 1999 (16.11.99), entire patent.	1-16

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

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"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier document published on or after the international filing date	"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
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"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,774,826 A (MCBRIDE) 30 June 1998 (30.06.98), entire patent.	1-16
A	US 5,692,062 A (LAREAU et al.) 25 November 1997 (25.11.97), entire patent.	1-16