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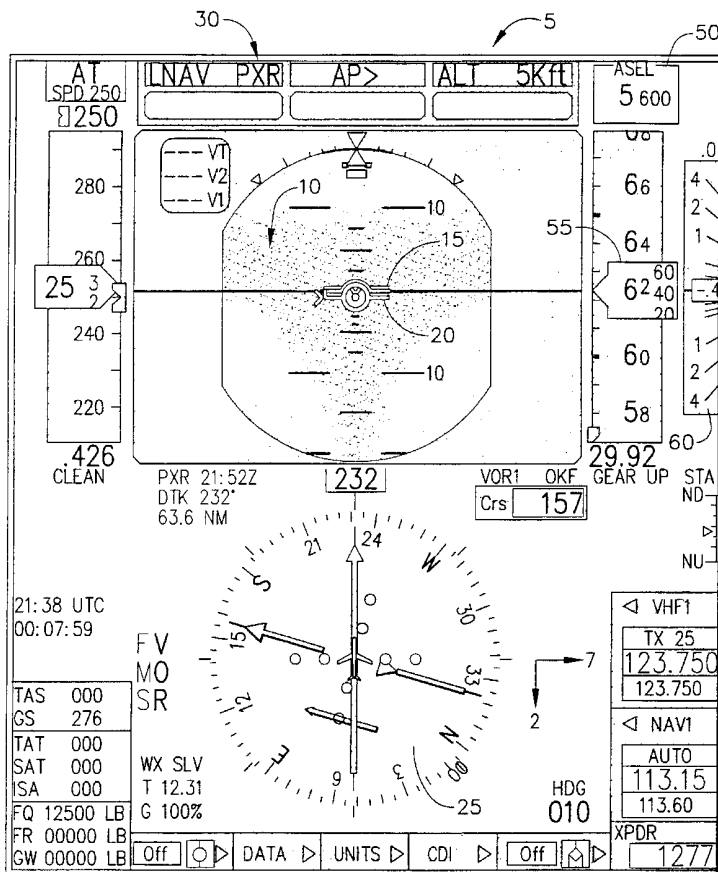
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEM AND METHOD FOR FLIGHT MODE ANNUNCIATORS



(57) Abstract: The pilot's awareness of the aircraft's state is enhanced by supplementing the flight modes area (FMA) 30 in the upper region of the primary flight display (PFD) 5 with additional annunciators. The FMA 30 in the present invention displays, in the active lateral modes region, the name of the waypoint the aircraft is flying towards and, if the waypoint is part of a published procedure, the procedure name is displayed in this area. Moreover, if the controls of the aircraft are set for a specific target, then the target, along with the mode annunciators, are displayed in the active vertical modes region of the FMA 30. Furthermore, if the aircraft starts to deviate from the preselected altitude, the pilot is alerted of the uncoordinated condition by a CHECK ASEL 50 annunciation which is displayed in the lower center region of the FMA 30, namely below the autopilot (AP) annunciator. Additionally, if the approach has been programmed, but the pilot has not yet armed an approach, the crew is alerted to the condition by an annunciation which is displayed in the lower center region of the FMA 30 in sufficient time to allow for normal capture of the approach such that the pilot can select the approach (APR) pushbutton to arm the system for the approach.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01C23/00

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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G01C

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 practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6 057 786 A (BRIFFE MICHEL ET AL) 2 May 2000 (2000-05-02) abstract column 7, line 66 -column 8, line 8; figure 3	1,9,10
A	----- EP 0 324 195 A (BOEING CO) 19 July 1989 (1989-07-19) abstract column 7, line 3 - line 17; figure 1 -----	1,9

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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- *&* document member of the same patent family

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 6057786	A	02-05-2000	NONE
EP 0324195	A	19-07-1989	US 4860007 A 22-08-1989
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			DE 3850088 T2 15-09-1994
			EP 0324195 A2 19-07-1989