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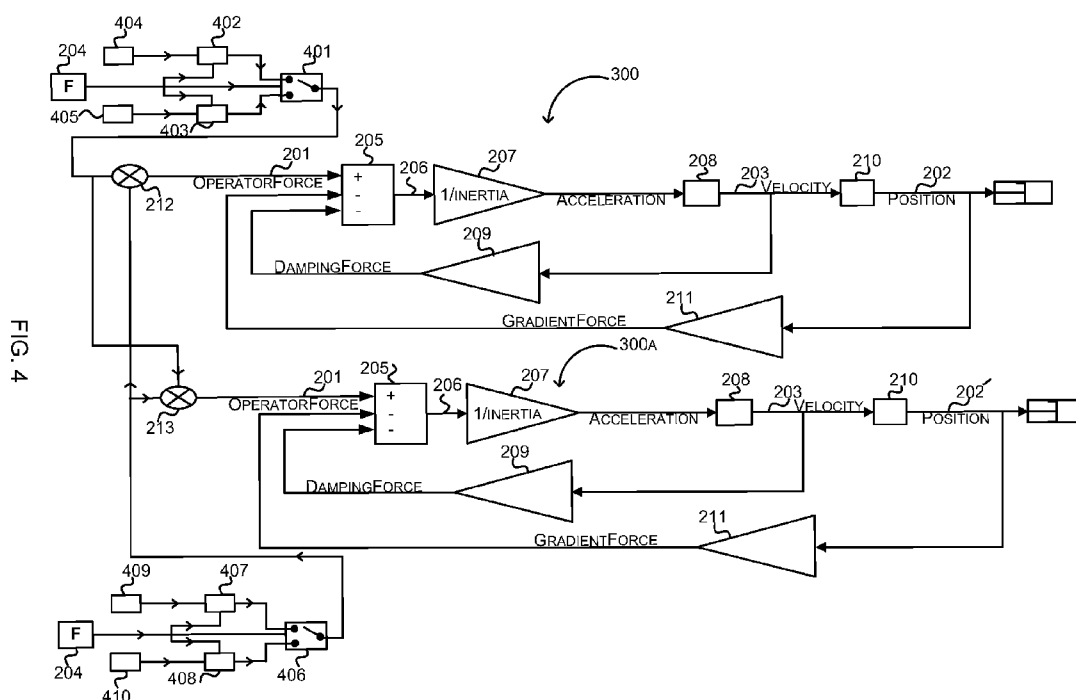
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(54) Title: CONTROL SYSTEMS AND METHODS



(57) Abstract: A control system for electronically linked pilot and co-pilot inceptors (103) permits an asymmetric roll axis feel depending on whether an inceptor is moved inboard or outboard. A circuit (401) receives a signal representative of a force applied to the pilot's inceptor resulting from a side-to-side movement and detects if the force applied is in an inward or an outward direction. A gain factor is applied to the received force signal to produce a factored force signal. The gain applied to a signal representative of force applied in an outward direction is greater than the gain factor applied to a signal representative of force applied in an inward direction. A summer (212, 213) sums the factored force signal with a corresponding factored force signal derived from force signals from the co-pilot's inceptor to produce a modified force signal for use in a force feedback control system associated with each inceptor.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
INV. B64C13/12 G05G5/03
ADD.

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)
G05G B64C

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)

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 2012/053735 A1 (TESSIER CLAUDE [CA] ET AL) 1 March 2012 (2012-03-01) paragraphs [0180], [0181], [0187], [0192] - [0227]; figures 2A,11A,11B,11E,11F,12,13,15-18 -----	1-12
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A	US 2004/159100 A1 (BERNARD GUY [CA]) 19 August 2004 (2004-08-19) -----	1,8,11, 12



Further documents are listed in the continuation of Box C.



See patent family annex.

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Date of the actual completion of the international search

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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