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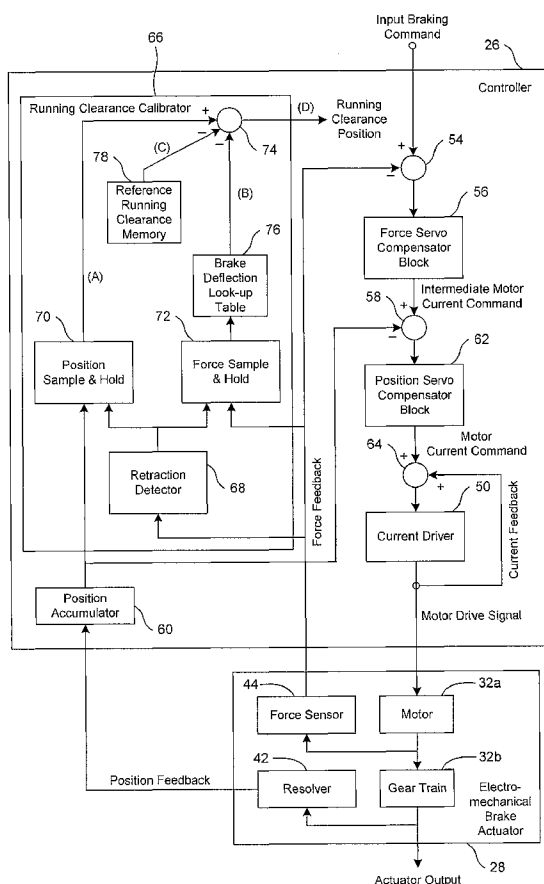
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(54) Title: CONTROLLER FOR ELECTROMECHANICAL BRAKING SYSTEM WITH RUNNING CLEARANCE ADJUSTMENT AND METHOD



(57) Abstract: A system and method for establishing a running clearance position for an electromechanical actuator (28), wherein the running clearance is based on an actuator ram (34) position attained during a force application to a brake stack (30). In particular, a running clearance calibrator (66) determines a position value corresponding to a position of the force applicator when retraction from an application of force on the brake stack commences. The running clearance calibrator also generates a running clearance position as a function of the position value.

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A. CLASSIFICATION OF SUBJECT MATTER INV. B60T8/17 B60T13/74 F16D65/14 F16D66/02				
According to International Patent Classification (IPC) or to both national classification and IPC				
B. FIELDS SEARCHED				
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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) EPO-Internal, WPI Data				
C. DOCUMENTS CONSIDERED TO BE RELEVANT				
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
X	US 2005/082999 A1 (ETHER RUSS [US]) 21 April 2005 (2005-04-21) page 2, paragraph 16 - page 4, paragraph 35; figures 1,4 -----	1-26		
X	US 6 238 011 B1 (HECKMANN HANS [DE]) 29 May 2001 (2001-05-29) column 2, line 56 - column 6, line 51; figures 1,2e -----	1-3, 5-11, 13-23		
X	EP 1 279 854 A (GOODRICH CORP [US]) 29 January 2003 (2003-01-29) column 9, line 42 - column 10, line 34 column 13, line 20 - column 13, line 34; figure 9 ----- -/--	1-3, 5-11, 13-23		
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.</td> <td style="width: 50%; border: none;"><input checked="" type="checkbox"/> See patent family annex.</td> </tr> </table>			<input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C.	<input checked="" type="checkbox"/> See patent family annex.
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<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> * Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *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) *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 </td> <td style="width: 50%; border: none;"> *T* 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 *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 *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. *&* document member of the same patent family </td> </tr> </table>			* Special categories of cited documents : *A* document defining the general state of the art which is not considered to be of particular relevance *E* earlier document but published on or after the international filing date *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) *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	*T* 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 *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 *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. *&* document member of the same patent family
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INTERNATIONAL SEARCH REPORT

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C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

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INTERNATIONAL SEARCH REPORT

Information on patent family members

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