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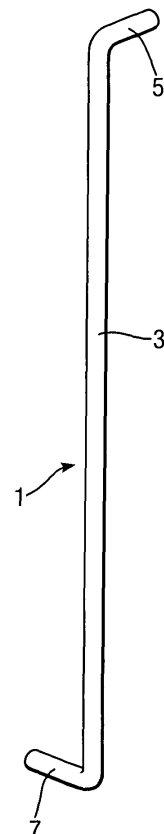
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(54) **Wing actuator system**

(57) A wing actuator system for a hinged wing is provided having:

- a torsion member comprising an elongated torsion bar and a first torsion bar foot extending laterally from a first end of the torsion bar and a second torsion bar foot extending laterally from a second end of the torsion bar; and
- a pair of first and second mounting means for securing the first torsion bar foot to a wing and the second torsion bar foot to a wing frame member adjacent the wing and thereby extending the torsion member between the two mounting means in a first direction; and
- wherein one of the first and second mounting means is provided with a first receiving means for receiving the first or second torsion bar feet and which receiving means is arranged to allow displacement of the torsion member relative to said mounting means in said first direction.

**Fig. 1.**



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European Patent  
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# EUROPEAN SEARCH REPORT

Application Number  
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
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Y	* column 3, line 45 - column 4, line 15 * * column 4, line 31 - line 55 * * column 9, line 5 - line 24; figures 1-7 *	4	
Y	----- DE 947 229 C (ASEA AB) 9 August 1956 (1956-08-09) * page 2, line 46 - line 47; figures 1,2 * -----	4	
The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (IPC)  E05F
Place of search		Date of completion of the search	Examiner
The Hague		19 November 2007	Guillaume, Geert
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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