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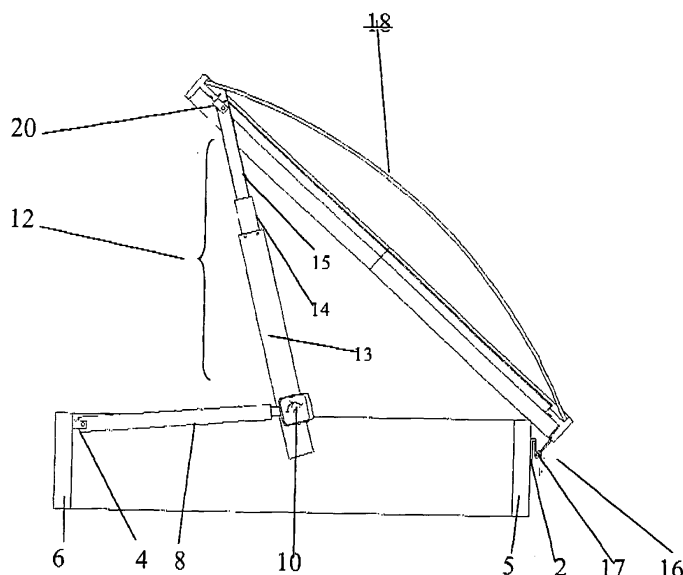
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(54) **Device and a method for electrical opening and closing of smoke vents, heat vents and skylights**

(57) A device and a method for opening and closing a wing (18) in the form of a smoke-vent, a comfort vent, a skylight or a hatch hingedly attached to a first fastening means (2) including at least one rotational actuator (10) connected to a suspension rod (8) which is connected to a second fastening means (4) and an actuation arm (12)

wherein the rotational actuator (10) is mounted between the suspension rod (8) and the actuation arm (12) that is pivotally attached to the wing (18), where the rotational actuator (10) provides a relatively angular displacement of the actuation arm (12) relative to the suspension rod (8) causing rotation of the wing (18).

**Fig 1.**





## EUROPEAN SEARCH REPORT

Application Number  
EP 06 01 2350

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	FR 2 842 230 A (JOLY JEAN CLAUDE [FR]) 16 January 2004 (2004-01-16) * page 5, line 15 - page 7, line 30 * * page 8, line 27 - page 9, line 10; figures 1-4 * -----	1,2,5-9, 11	INV. E05F15/12  ADD. E05F15/04 E05F15/20
X	EP 0 962 236 A (REWA SPOLKA Z O O [PL]) 8 December 1999 (1999-12-08) * column 3, line 46 - column 4, line 45; figure 1 * -----	1,3-11	
X	DE 102 34 430 A1 (STUERMANN GMBH & CO [DE]) 12 February 2004 (2004-02-12) * paragraph [0028] - paragraph [0030]; figures 1-6 * -----	1,3,5-7	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05F E04D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 13 January 2010	Examiner 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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EPO FORM 1503 03.82 (P04C01)

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

EP 06 01 2350

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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13-01-2010

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