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(54) **Device for joining a rotating leaf to a fixed wall**

(57) A device for joining a rotating leaf to a fixed wall comprises at least one pair of elements (1, 2) which are respectively fastened to a rotating leaf (5) and to a fixed wall (4), a first element (1) being integrally fastened to the leaf (5) and a second element (2) being rotatably fastened to the wall (4). The abovementioned elements (1, 2) are provided with means (3) for rigidly fastening

them together, acting in the horizontal direction and consisting of a snap-engaging mechanism in which elastically deformable lugs (3a) integral with the second element (2) engage in a seat (3b) with a variable cross-section which is integral with the first element (1). A third element (6) provided with elastically deformable lugs (6a, 6b) performs both locking of the two elements (1,2) and disengagement thereof.

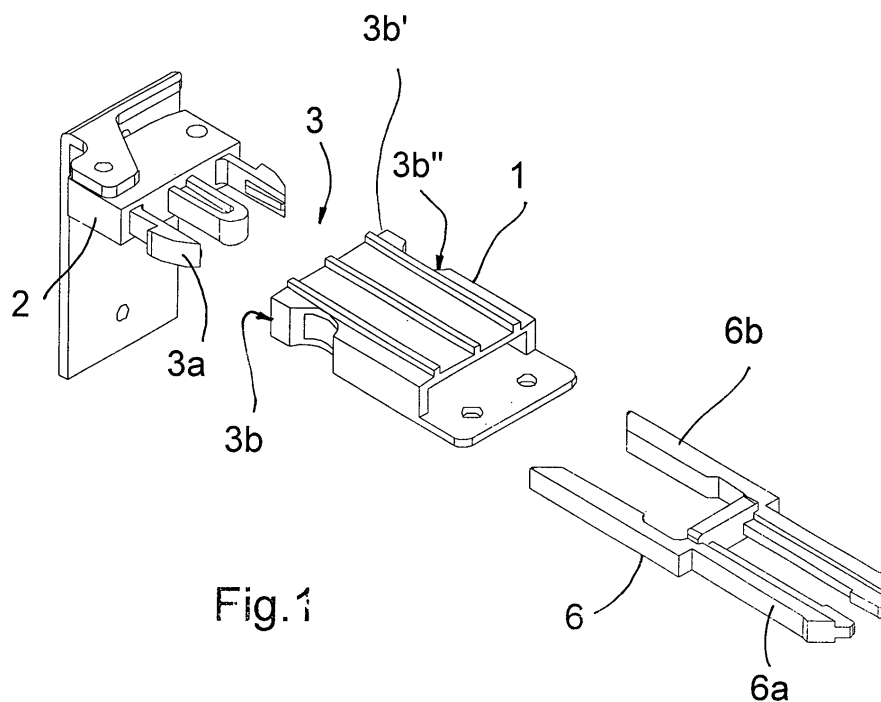


Fig.1



European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 02 00 6139

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	GB 2 298 235 A (DAIMLER BENZ AG [DE]) 28 August 1996 (1996-08-28) * figures 1-4 *	1-4,7-10	INV. E05D5/02
X	JP 10 115142 A (INABA SEISAKUSHO LTD) 6 May 1998 (1998-05-06) * abstract; figures 1-12 *	1-3,8-10	
			TECHNICAL FIELDS SEARCHED (IPC)
			E05D
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 19 October 2006	Examiner Schnedler, Marlon
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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19-10-2006

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB 2298235 A	28-08-1996	DE 19506295 A1	05-09-1996
		FR 2732716 A1	11-10-1996
		IT RM960085 A1	07-08-1997
		US 5829814 A	03-11-1998

JP 10115142 A	06-05-1998	NONE	

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For more details about this annex : see Official Journal of the European Patent Office, No. 12/82