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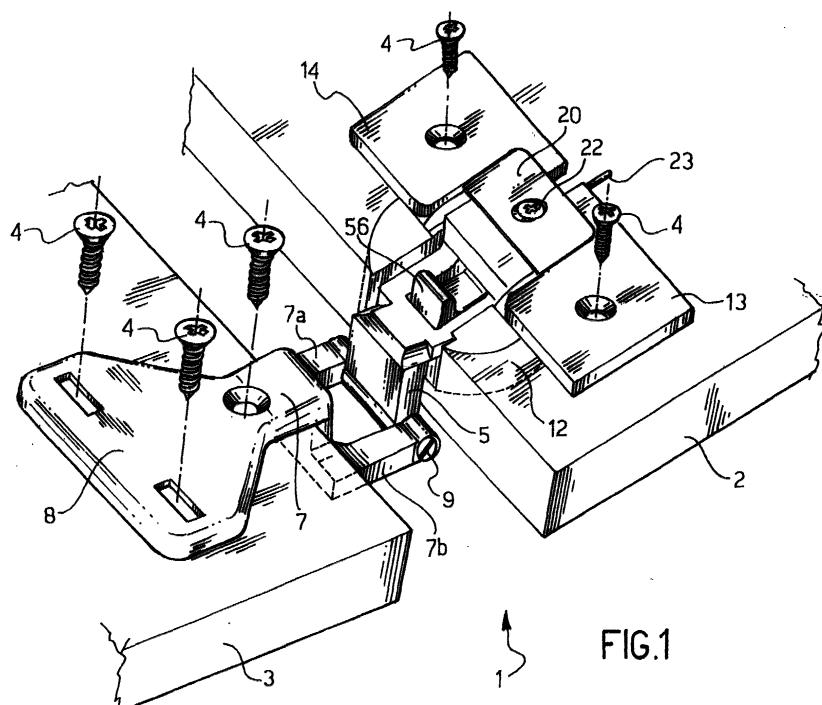
(54) Door hinge for furniture, in particular for office use and the like

(57) The invention relates to a hinge for office furniture, in which a lever arm (5) pivoting relative to a fixed pin (9) is locked in a cage (10) fitted to the door (2) of the item of furniture, by means of a snap-engagement system.

More specifically, this system comprises a spring (23) made from a steel piano wire mounted on a cou-

pling body (20) having a flattened form which, in turn, is secured to the lever arm.

Advantageously, the spring engages with a coupling tooth (19) present on the cage (10), bending in a plane parallel to the coupling body: thus, a hinge is obtained which is easy to assemble and disassemble and which has a reduced thickness.





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EUROPEAN SEARCH REPORT

Application Number

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	DE 42 36 879 A (LAUTENSCHLAEGER MEPLA WERKE) 11 May 1994 (1994-05-11)	1-5, 10	E05D5/08
Y	* column 1, line 50 - column 3, line 59 * * figures * ----	6-9	E05D7/12
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TECHNICAL FIELDS SEARCHED (Int.Cl.7)			
E05D			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
THE HAGUE	17 January 2002	Moreau, C	
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone	T : theory or principle underlying the invention		
Y : particularly relevant if combined with another document of the same category	E : earlier patient document, but published on, or after the filing date		
A : technological background	D : document cited in the application		
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P : intermediate document	& : member of the same patent family, corresponding document		

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

EP 00 20 1562

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. The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

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