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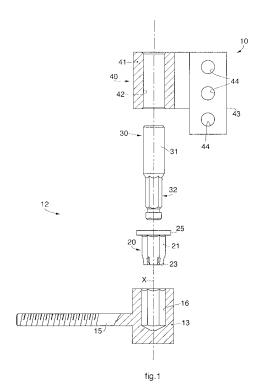
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(54) Hinge for a door or window frame or furniture

(57) Hinge for a door or window frame, or a piece of furniture, comprising a hinging element (12), of the male type, having a body (13) provided with a cavity (16), coaxial to a hinging axis (X), into which a bushing (20) is suitable to be inserted, having its own axial cavity (22) of a polygonal cross section and into which a pin (30) is adapted to be inserted which has a first cylindrical part (31) and a second part (32) provided with at least a zone (33) with a polygonal cross section, equal to that of the axial cavity (22) of the bushing (20). The bushing (20) also comprises stop teeth (23), adapted to cooperate with a circular throat (35) of the pin (30), which prevents the latter becoming axially free.





EUROPEAN SEARCH REPORT

Application Number EP 12 17 9775

	DOCUMENTS CONSIDERED	TO BE RELEVANT		
Category	Citation of document with indication, of relevant passages	where appropriate,	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A,D	DE 203 17 592 U1 (SIEGEN 12 February 2004 (2004-0 * paragraph [0030], line 53-58 paragraph [0031] paragraph [0032], lines * figures 1,4 *	2-12) s 5-15, 28-35,	1-6	INV. E05D5/12 E05D5/14
A,D	DE 20 2006 008400 U1 (HA [DE]) 27 September 2007 * paragraphs [0043], [0 * figures 2a,4 *	(2007-09-27)	1-6	
A	FR 2 907 486 A3 (OTLAV S AZIONI [IT] OTLAV SPA [I 25 April 2008 (2008-04-2 * page 5, line 25 - page * page 7, lines 1-5,13-1 * figure 2 *	T]) 5) 6. line 24 *	1-6	
А	DE 20 2005 003994 U1 (SF [CH]) 27 July 2006 (2006 * paragraphs [0028], [0 [0032], [0040] * * figures 1-3 *	-07-27)	1-6	TECHNICAL FIELDS SEARCHED (IPC)
	The present search report has been draw	wn up for all claims		
	Place of search	Date of completion of the search	Examiner	
	The Hague	29 January 2013	Wag	ner, Andrea
X : part Y : part docu A : tech O : non	ATEGORY OF CITED DOCUMENTS cularly relevant if taken alone cularly relevant if combined with another ment of the same category nological background written disclosure mediate document	T: theory or principle E: earlier patent doou after the filing date D: document cited in t L: document cited for 8: member of the san document	ment, but publis the application other reasons	shed on, or

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

EP 12 17 9775

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.

29-01-2013

	nt document search report		Publication date		Patent family member(s)		Publication date
DE 20	317592	U1	12-02-2004	AT DE EP ES	462858 20317592 1531226 2340035	U1 A2	15-04-20 12-02-20 18-05-20 28-05-20
DE 20	2006008400	U1	27-09-2007	DE EP WO	202006008400 2021566 2007137644	A1	27-09-200 11-02-200 06-12-200
FR 29	07486	А3	25-04-2008	NON	IE		
DE 20	2005003994	U1	27-07-2006	DE EP	202005003994 1703054		27-07-200 20-09-200

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