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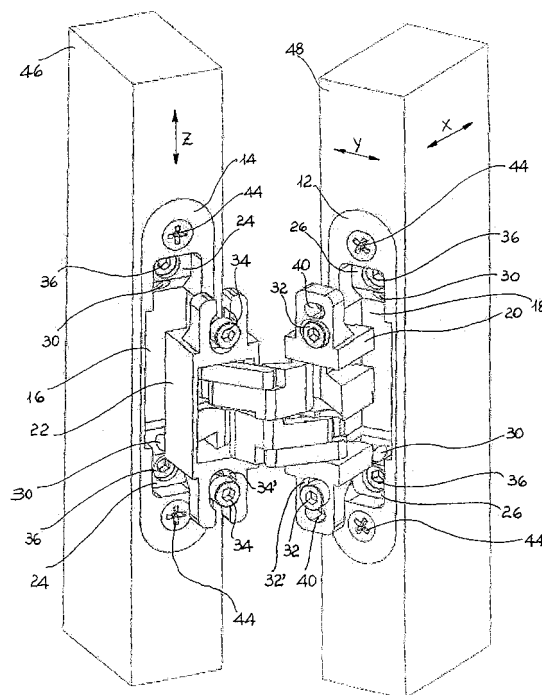
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(54) **Improved concealed hinge**

(57) An improved concealed hinge (10) especially for furniture panels or doors, made of metal or other suitable materials, comprises a pair of half shells (12-14), suitable for being inserted into respective seats of a door or panel (48) and of a jamb (46), connected to one another in an articulated fashion and provided with a cavity (16) or (18) wherein a cage (20) or (22) is arranged and constrained; each cage (20) or (22) is provided at two points with means for the adjustment thereof as regards the exposure relative to said cavity (16) or (18).

FIG. 6





EUROPEAN SEARCH REPORT

Application Number
EP 09 00 3262

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
Y	US 1 693 004 A (JOSEPH SOSS) 27 November 1928 (1928-11-27)	1,2,4,8,10	INV. E05D3/06
A	* page 2, lines 9-29 * * figures 1-3 *	3,5-7,9,11-14	E05D7/04 E05D3/18
Y	DE 202 13 155 U1 (SIMONSWERK GMBH) 14 November 2002 (2002-11-14)	1,2,4,8,10	
A	* page 3, lines 8-14 * * page 6, lines 7-13 * * page 7, lines 10-22 * * figures 1,6,7 *	3,5-7,9,11,12	
A	US 3 805 323 A (FUKUI K) 23 April 1974 (1974-04-23) * column 1, lines 51-54 * * column 3, lines 26-53 * * figures 12-14 *	1	
			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 27 October 2011	Examiner Wagner, Andrea
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)



Application Number

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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing claims for which payment was due.

☐ Only part of the claims have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due and for those claims for which claims fees have been paid, namely claim(s):

☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for those claims for which no payment was due.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

see sheet B

☒ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.

☐ As all searchable claims could be searched without effort justifying an additional fee, the Search Division did not invite payment of any additional fee.

☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid, namely claims:

☐ None of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims, namely claims:

☐ The present supplementary European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims (Rule 164 (1) EPC).



**LACK OF UNITY OF INVENTION
SHEET B**

Application Number
EP 09 00 3262

The Search Division considers that the present European patent application does not comply with the requirements of unity of invention and relates to several inventions or groups of inventions, namely:

1. claims: 1-7

Concealed hinge with improved depth adjustment

2. claims: 8-14

Concealed hinge with reduced overall dimensions

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

EP 09 00 3262

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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27-10-2011

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 1693004	A	27-11-1928	NONE	
DE 20213155	U1	14-11-2002	NONE	
US 3805323	A	23-04-1974	NONE	