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(54) **Spacing elements for metal surfacings and method for installing metal surfacings using said spacing elements**

(57) The present invention concerns a spacing element (1) for metal surfacings comprising a central element (6), one end of which is terminated by a section (2) designed for fixing to a metal sheet (10) and the other end (3) of same by a section designed for fixing to a supporting structure (20) wherein the central element of the spacing element is made of elastic material. Moreover, the present invention concerns a method for installing metal sheets (10) for the surfacing of walls (20) which

comprises the steps consisting of installing a plurality of upper and lower anchorages; fixing at least one spacing element (1) to a supporting structure; hoisting the metal sheet; fixing the upper part of the metal sheet to a plurality of upper anchorages; fixing the lower part of the metal sheet to a lower plurality of anchorages and tightening it in position; fixing the metal sheet to at least one spacing element; wherein the positioning of at least one spacing element to a supporting structure comprises the positioning of a spacing element made of elastic material.

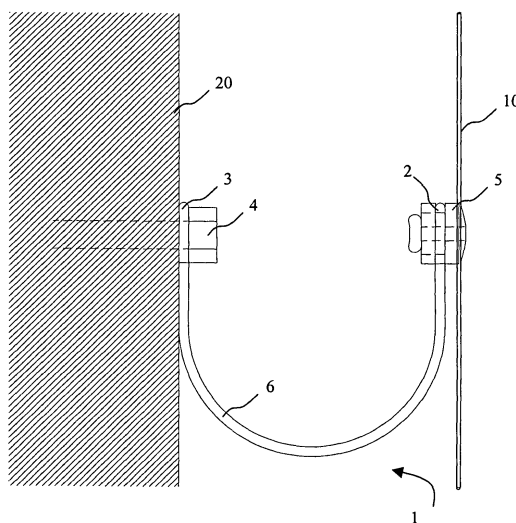


Fig. 3



EUROPEAN SEARCH REPORT

Application Number
EP 06 01 5004

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	DE 25 40 666 A1 (ERTL KG BAUSTOFFWERK) 17 March 1977 (1977-03-17) * page 6, line 22 - page 9, line 29; figures 1,2 *	1,2,5-7	INV. E04F13/08 E04F13/12
X	US 1 971 411 A (HIGLEY FRANK R) 28 August 1934 (1934-08-28) * page 2, line 64 - line 114; figure 3 *	1-3,5,6	
X	DE 39 10 254 A1 (WREDE & NIEDECKEN VERWALTUNG [DE]) 11 October 1990 (1990-10-11) * column 4, line 62 - column 5, line 55; figure 1 *	1,2,4-8, 10-12	
X	DE 20 2004 013956 U1 (SCHEYING HEINZ FRIEDRICH [DE]) 23 December 2004 (2004-12-23) * paragraphs [0003] - [0011]; figures N,0 *	1-5	
X	DE 298 15 703 U1 (SCHEYING HEINZ FRIEDRICH [DE]) 28 January 1999 (1999-01-28) * page 1 - page 3; figures C,D1 *	1,5,6	TECHNICAL FIELDS SEARCHED (IPC) E04F E04B
X	GB 2 192 205 A (EUROP PROFILES LTD EUROP PROFILES LTD [GB]) 6 January 1988 (1988-01-06) * page 1, lines 24-45,87-93; figures 1-3 *	8,9,11	
A	EP 0 869 231 A (DALLERA FRANCO [IT]) 7 October 1998 (1998-10-07) * abstract; figures 1,4 *	1-3,7	
A	DE 101 12 420 A1 (GERLICH WILFRIED [DE]) 19 September 2002 (2002-09-19) * abstract; figures 3,4 *	1,2	
The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 30 January 2009	Examiner Fournier, Thomas
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.**

EP 06 01 5004

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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30-01-2009

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
DE 2540666	A1	17-03-1977	AT 347648 B 10-01-1979
		BE 845992 A1	31-12-1976
		CH 599422 A5	31-05-1978
		FR 2323838 A1	08-04-1977
		LU 75757 A1	28-04-1977
		NL 7609916 A	15-03-1977
US 1971411	A	28-08-1934	NONE
DE 3910254	A1	11-10-1990	NONE
DE 202004013956	U1	23-12-2004	NONE
DE 29815703	U1	28-01-1999	NONE
GB 2192205	A	06-01-1988	NONE
EP 0869231	A	07-10-1998	DE 69824076 D1 01-07-2004
		DE 69824076 T2	07-07-2005
		ES 2221087 T3	16-12-2004
		IT 1290514 B1	04-12-1998
DE 10112420	A1	19-09-2002	NONE