



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
18.04.2012 Bulletin 2012/16

(51) Int Cl.:
E04F 13/00 ^(2006.01) **E04F 13/08** ^(2006.01)
E04F 19/06 ^(2006.01) **E04B 9/04** ^(2006.01)

(43) Date of publication A2:
04.02.2009 Bulletin 2009/06

(21) Application number: **08104801.9**

(22) Date of filing: **20.07.2008**

(84) Designated Contracting States:
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR
Designated Extension States:
AL BA MK RS

(30) Priority: **30.07.2007 PL 38303907**

(71) Applicant: **Kramarz, Józef**
38-200 Debica (PL)

(72) Inventor: **Kramarz, Józef**
38-200 Debica (PL)

(74) Representative: **Hudy, Ludwik et al**
Kancelaria Patentowa Patelha
Czernichow 4
32-070 Czernichow, Krakow (PL)

(54) **Panel unit module and covering fixing method**

(57) The subject of the invention is the panel's unit module and the method of fixing on it the single- or multi-layer covering using the "dry" method, without using any glue. Moreover, this method enables reversed disassembly, separation and replacement of covering with other

one, for application in production processes of products in the form of various wall cladding and floor and ceiling covering for finishing the utility interiors inhabited by humans. The panel, as the module's unit, has been fitted with a unified system of locks 3 in which, using a key 4 or a string 5, covering 2 is fixed.

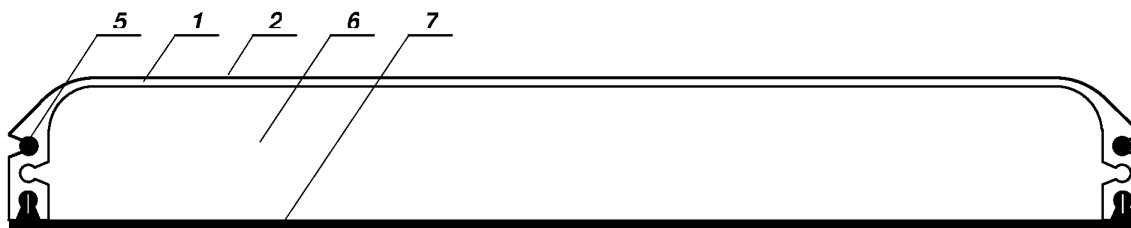
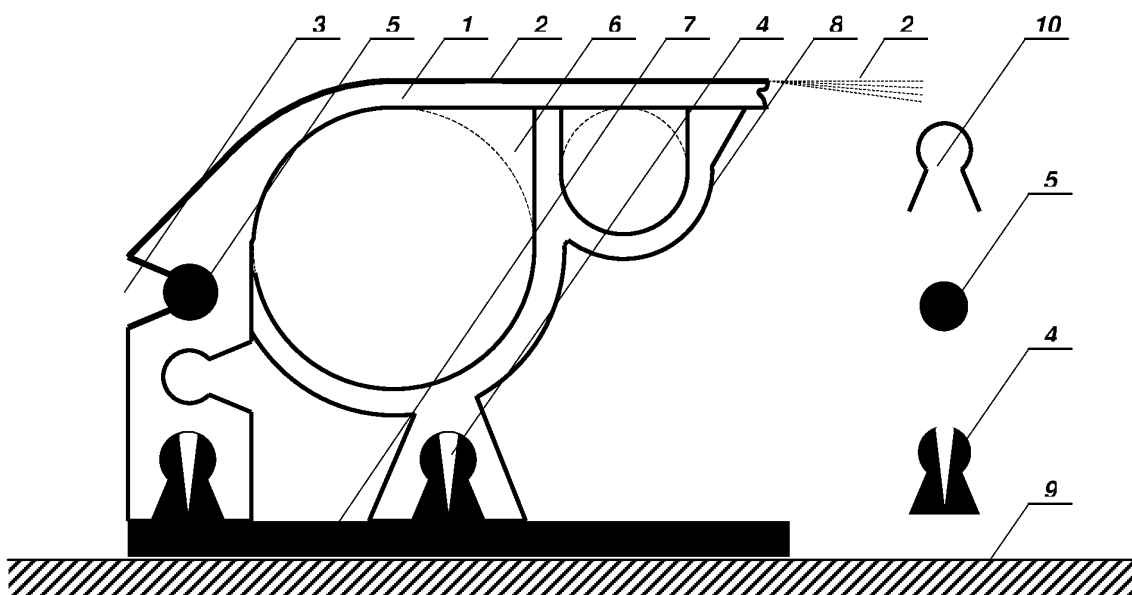


Fig.3





EUROPEAN SEARCH REPORT

Application Number
EP 08 10 4801

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	US 4 021 973 A (HEGG THOMAS R ET AL) 10 May 1977 (1977-05-10) * figures 4,9 * * column 3, lines 54-56 * * column 3, lines 30-38 * * column 3, lines 39-47 * * column 3, lines 36-38 *	1-5,7-9	INV. E04F13/00 E04F13/08 E04F19/06 E04B9/04
X	WO 2004/106663 A1 (ART ANDERSEN AS [DK]; FOSTER AND PARTNERS [GB]; KRAB JOERN [DK]; FOSTE) 9 December 2004 (2004-12-09) * sentences 1-10 * * figure 2 * * page 5, lines 27-33 *	1,2,4,5, 7,8	
X	EP 1 559 846 A1 (ART ANDERSEN AS [DK] SOFT CELLS AS [DK]) 3 August 2005 (2005-08-03) * paragraphs [0018] - [0021] *	1,2,4,5, 7,8	
X	US 5 491 943 A (VONDREJS FRANK [CA] ET AL) 20 February 1996 (1996-02-20) * figure 11 *	1,2,4,5, 7,8	TECHNICAL FIELDS SEARCHED (IPC) E04F B44C D06C F16B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 29 February 2012	Examiner Cobusneanu, D
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			

 1
EPO FORM 1503 03.82 (P04C01)

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

EP 08 10 4801

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.

29-02-2012

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 4021973	A	10-05-1977	NONE	

WO 2004106663	A1	09-12-2004	AT 439488 T	15-08-2009
			AU 2003227523 A1	21-01-2005
			EP 1633939 A1	15-03-2006
			WO 2004106663 A1	09-12-2004

EP 1559846	A1	03-08-2005	AU 2005209486 A1	11-08-2005
			AU 2009250953 A1	07-01-2010
			CA 2578867 A1	11-08-2005
			CN 101839035 A	22-09-2010
			EP 1559846 A1	03-08-2005
			EP 2048299 A2	15-04-2009
			US 2008066394 A1	20-03-2008
			WO 2005073482 A2	11-08-2005

US 5491943	A	20-02-1996	AT 179771 T	15-05-1999
			AU 692760 B2	18-06-1998
			AU 6104594 A	14-09-1994
			CA 2090386 A1	26-08-1994
			CN 1118614 A	13-03-1996
			DE 69418317 D1	10-06-1999
			EP 0686222 A1	13-12-1995
			ES 2133159 T3	01-09-1999
			GB 2275485 A	31-08-1994
			HK 177695 A	01-12-1995
			HK 1012689 A1	20-04-2000
			IL 108778 A	04-08-1996
			US 5491943 A	20-02-1996
			WO 9419556 A1	01-09-1994

EPO FORM P0459

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