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(11) **EP 0 890 698 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
01.12.1999 Bulletin 1999/48

(51) Int Cl.⁶: **E06B 1/60**

(43) Date of publication A2:
13.01.1999 Bulletin 1999/02

(21) Application number: **98610022.0**

(22) Date of filing: **09.07.1998**

(84) Designated Contracting States:
**AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE**
Designated Extension States:
AL LT LV MK RO SI

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(30) Priority: **11.07.1997 DK 85097**

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(54) **A building facade member and a set of fittings for external mounting in an opening in a building facade and a method of mounting such a facade member**

(57) A building facade member (49) is mounted over an opening in a building facade by means of a set of mounting fittings by turning the facade member (49) in a tilting movement following positioning of its lower horizontal hollow profile (52) relative to a first fitting member designed as a profiled rail member (58) mounted on the spandrel portion (59) of the facade opening, towards an unlocked position, in which the lower horizontal hollow profile (52) is supported by said profiled rail member (58).

At the end of said tilting movement, second and third fitting members (67, 69) mounted in the upper ceiling portion (68), and in longitudinally displaceable, but fixably relationship with a groove (56) at the upper side of the upper horizontal profile (51) of the facade member (51), respectively, are brought into mutual engagement, following which the third fitting member (69) is displaced and fixed into a locked position.

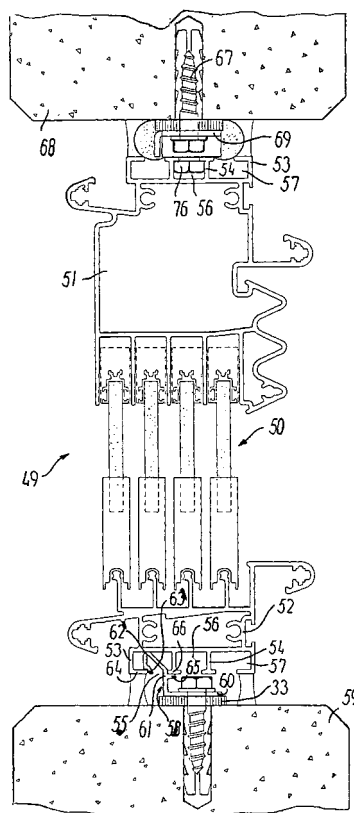


FIG.5

EP 0 890 698 A3



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EUROPEAN SEARCH REPORT

Application Number
EP 98 61 0022

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.6)
X	DE 41 35 126 A (WERU) 29 April 1993 (1993-04-29)	1	E06B1/60
A	* column 3, last line - column 7, line 25; figures *	4,5,14,15	
X	US 3 503 168 A (EGGERT) 31 March 1970 (1970-03-31)	1	
A	* column 2, line 10 - column 4, line 20; figures *	7,9,14,15	
A	DE 296 22 611 U (ACO SEVERIN AHLMAN) 6 March 1997 (1997-03-06)	1,2,14	
A	* page 9, line 13 - page 11; figures *		
A	GB 2 109 850 A (TECHNAL FRANCE) 8 June 1983 (1983-06-08)	1,5-7,14-16	
A	* page 2, line 17 - page 3, line 54; figures *		
A	DE 25 23 487 A (HULINSKY) 18 December 1975 (1975-12-18)	1,14	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	* claims; figures *		E06B
A	FR 2 607 548 A (M.E.B.MATERIEL ET ETANCHEITE DE BATIMENTS) 3 June 1988 (1988-06-03)	10-12	
A	* claims; figures *		
A	DE 295 07 600 U (RATHSACK) 27 July 1995 (1995-07-27)	10,11,13	
A	* claims; figures *		
A	DE 35 40 159 C (HÜPPE) 8 January 1987 (1987-01-08)		
A	* claims; figures *		
A	DE 36 42 340 A (FRANZ BRINKMANN) 23 June 1988 (1988-06-23)		
	-/--		
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		12 October 1999	Vijverman, W
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			

EPO FORM 1503 03 82 (P04C01)



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Office

EUROPEAN SEARCH REPORT

Application Number
EP 98 61 0022

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.6)
A	GB 2 255 999 A (WILDMERE INDUSTRIAL ESTATE) 25 November 1992 (1992-11-25) -----		
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12 October 1999	Examiner Vijverman, W
<p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p>			

EPO FORM 1503 03.82 (P44001)

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

EP 98 61 0022

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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12-10-1999

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 4135126	A	29-04-1993	NONE	
US 3503168	A	31-03-1970	NONE	
DE 29622611	U	06-03-1997	DE 19621056 A	27-11-1997
			DE 29622612 U	06-03-1997
			EP 0799963 A	08-10-1997
GB 2109850	A	08-06-1983	FR 2516586 A	20-05-1983
DE 2523487	A	18-12-1975	AT 335147 B	25-02-1977
			AT 340661 B	27-12-1977
			CA 1031629 A	23-05-1978
			CH 606737 A	15-11-1978
			FR 2279918 A	20-02-1976
			GB 1507223 A	12-04-1978
			IT 1035892 B	20-10-1979
			JP 51005838 A	19-01-1976
			NL 7506682 A	09-12-1975
			SE 399581 B	20-02-1978
			SE 7506285 A	08-12-1975
			US 3992833 A	23-11-1976
			AT 464574 A	15-06-1976
			BE 829702 A	15-09-1975
			DK 246675 A	06-12-1975
			AT 626074 A	15-04-1977
FR 2607548	A	03-06-1988	NONE	
DE 29507600	U	27-07-1995	DE 9420958 U	30-03-1995
			EP 0719953 A	03-07-1996
DE 3540159	C	08-01-1987	NONE	
DE 3642340	A	23-06-1988	NONE	
GB 2255999	A	25-11-1992	NONE	