



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

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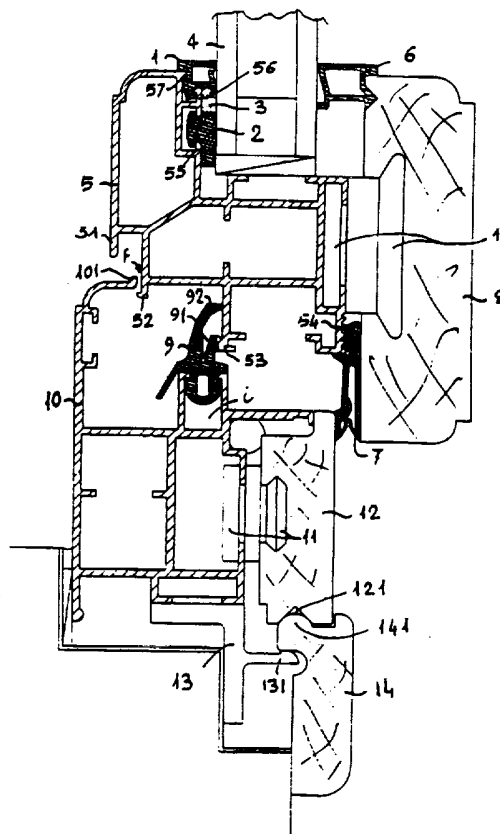
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(54) Title: WINDOW, DOOR OR LIKE CLOSURES

(57) Abstract

A window or door and other glass closures in metallic profiles and respective profiles and frames of the type involving at least a door profile (5) for a waterproof abutment against a glass (4), characterized by the fact that for said glass abutment (4) said profile (5) provides: internal hooking means (55-56) for receiving an internal sealing profile (2) abutting against the glass (4) to realize a recess for receiving an injection of intermediate sealing waterproof material (3); external hooking means (56-57) for an external sealing profile (1) abutting against the glass (4) to cover said intermediate sealing waterproof material (3).



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INTERNATIONAL SEARCH REPORT

International Application No PCT/IT 90/00090

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁶		
According to International Patent Classification (IPC) or to both National Classification and IPC		
IPC ⁵ : E 06 B 3/54, 7/24, 7/23, 3/30, 1/62		
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
IPC ⁵	E 06 B	
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹		
Category ⁹	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	EP, A, 0255808 (FOCCHI) 10 February 1988 see column 2, line 44 - column 3, line 8; figure	1
Y	--	2, 3, 4, 6, 9, 10
Y	CH, A, 0303193 (LUKACS) 1 February 1955 see page 1, line 43 - page 2, line 14; figure	2, 10
Y	--	3, 6
Y	DE, A, 3046884 (TEFO) 15 July 1982 see page 9, lines 8-11; page 10, lines 9-17; figures 1-4	2, 10
A	--	
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<p>¹⁰ Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier document but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.</p> <p>"&" document member of the same patent family</p>		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
23rd May 1991	10. 07. 91	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE	M. PEIS <i>M. Peis</i>	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category *	Citation of Document, " with Indication, where appropriate, of the relevant passages	Relevant to Claim No.
Y	FR, A, 2516122 (ZAPP) 13 May 1983 see page 4, line 8 - page 7, line 33; figures 1-6	4
A	--	2,3,6,7,8, 10,11,14
Y	US, A, 3805470 (BROWN) 23 April 1974 see column 2, lines 9-15; figures 2-4	9
A	--	1
A	FR, A, 2546221 (WILH. FRANK) 23 November 1984 see page 6, lines 11-28; page 8, lines 14-20; figure 1	1
A	--	1
A	DE, A, 1684081 (WESSELS) 27 August 1970 see page 6, paragraph 1; figures 1,2	1
A	--	2,3,6,10
A	DE, A, 3100123 (TEFO) 12 August 1982 see page 7, lines 1-14; page 7, line 24 - page 8, line 15; figures 1,2	2,3,6,10
A	--	3,5,6,7,8
A	EP, A, 0159458 (CANDUSSO) 30 October 1985 see figures 8,9,14	3,5,6,7,8
A	--	3,6
A	DE, B, 1122688 (GEBEL) 25 January 1962 see column 2, line 41 -column 3, line 8; figures 1-3	3,6
A	--	4,7,8,11-14
A	FR, A, 2317461 (SCHWEIZER) 4 February 1977 see page 3, line 17 - page 5, line 5; figures 1-8,13-16	4,7,8,11-14
A	--	4,11,14
A	CH, A, 556461 (MÜLLER) 29 November 1974 see column 1, line 58 - column 2, line 23; figures 1-3	4,11,14
A	--	11,14
A	AT, B, 308361 (SOMMER) 10 July 1973 see page 2, lines 45-57; figures 1,2	11,14
A	--	
A	FR, A, 2181638 (ROBERTSON) 7 December 1973	
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	./.	

FURTHER INFORMATION CONTINUED FROM THE SECOND SHEET

A GB, A, 1315499. (HALL & SONS)
2 May 1973

V. OBSERVATIONS WHERE CERTAIN CLAIMS WERE FOUND UNSEARCHABLE ¹

This international search report has not been established in respect of certain claims under Article 17(2) (a) for the following reasons:

1. Claim numbers because they relate to subject matter not required to be searched by this Authority, namely:
2. Claim numbers because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. Claim numbers because they are dependent claims and are not drafted in accordance with the second and third sentences of PCT Rule 6.4(a).

VI. OBSERVATIONS WHERE UNITY OF INVENTION IS LACKING ²

This International Searching Authority found multiple inventions in this international application as follows:

1. Claims : 1,9 and 13,14 when dependant on 1 and/or 9
2. Claims : 2,10 and 13,14 when dependant on 2 and /or 10
3. Claims : 3,6 and 13,14 when dependant on 3 and/or 6
4. Claims : 4,5,7,8 and 11-14

For further information pls. see Form PCT/ISA/206 mailed on the 14.02.1991

1. As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims of the international application.
2. As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims of the international application for which fees were paid, specifically claims:
3. No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claim numbers:
4. As all searchable claims could be searched without effort justifying an additional fee, the International Searching Authority did not invite payment of any additional fee.

Remark on Protest

- The additional search fees were accompanied by applicant's protest.
- No protest accompanied the payment of additional search fees.

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

IT 9000090
SA 41378

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP-A- 0255808	10-02-88	None	
CH-A- 303193		None	
DE-A- 3046884	15-07-82	None	
FR-A- 2516122	13-05-83	None	
US-A- 3805470	23-04-74	None	
FR-A- 2546221	23-11-84	DE-A- 3318684	22-11-84
		AT-B- 386863	25-10-88
		BE-A- 899696	17-09-84
		CH-A- 665876	15-06-88
		NL-A- 8401510	17-12-84
DE-A- 1684081	27-08-70	None	
DE-A- 3100123	12-08-82	None	
EP-A- 0159458	30-10-85	None	
DE-A- 1122688		None	
FR-A- 2317461	04-02-77	CH-A- 594800	31-01-78
		AT-B- 367511	12-07-82
		DE-A- 2628050	27-01-77
		DE-C- 2660131	26-06-86
CH-A- 556461	29-11-74	None	
AT-B- 308361	15-05-73	AT-A, B 308361	15-05-73
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		CA-A- 1013208	05-07-77
		CA-A- 1018407	04-10-77
		JP-C- 990288	18-03-80
		JP-A- 49021935	26-02-74
		JP-B- 54025743	30-08-79

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
GB-A- 1315499	02-05-73	None	
