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(54) **System for joining section bars and fittings to doors and windows**

(57) The present system foresees the joining of two hooking teeth (3.2, 3.3), situated on a flange (3) on the section bars (1, 2) constituting the structure of the shutter and the frame, to elements that are present on one end (5.1, 6.1, 7.1, 8.1, 9.1, 10.1) of an additional section bar (5, 6, 7), an accessory (8) or a trimming (9, 10); each section bar (1, 2) has at least one of the abovementioned flanges (3) on it; each flange (3) bounds an open chamber

(4); the two abovementioned hooking teeth (3.2, 3.3) are situated on the wall of the flange (3); one end (5.1, 6.1, 7.1, 8.1, 9.1, 10.1) of an additional section bar (5, 6, 7), of an accessory (8) or of a trimming (9, 10) bearing said joining elements is inserted into each chamber (4); those elements consist in a guide projection (5.2) or a tooth (6.2, 7.2, 8.2, 9.2, 10.2) that will fit together with at least one tooth (3.1, 3.2) inside the chamber (4).

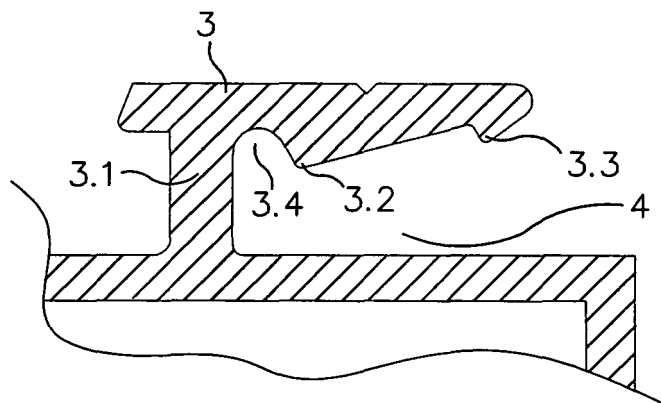


FIG. 3



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EUROPEAN SEARCH REPORT

Application Number
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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
A	EP 0 102 825 A2 (COMMERCIAL IND INSULAT LTD [GB]) 14 March 1984 (1984-03-14) * figures * -----	1	INV. E05D5/02 E06B3/58 E06B1/62
			TECHNICAL FIELDS SEARCHED (IPC)
			E06B
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of the search 23 July 2007	Examiner Verdonck, Benoit
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 42 5101

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The members are as contained in the European Patent Office EDP file on
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23-07-2007

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP 0102825	A2	14-03-1984	AU 568506 B2 07-01-1988
			AU 1872383 A 12-04-1984
			CA 1215810 A1 30-12-1986
			DE 3382284 D1 20-06-1991
			ES 284901 U 01-09-1985
			HK 135797 A 27-06-1997
			IE 54567 B1 22-11-1989
			JP 2538198 B2 25-09-1996
			JP 59076357 A 01-05-1984
			US 4821476 A 18-04-1989
			ZA 8306526 A 30-05-1984
