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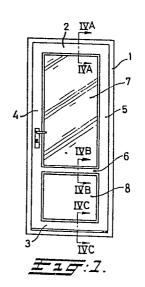
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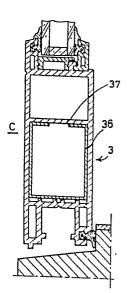
54 Flush-fitting door.

57 Flush-fitting door whose surround is made up of weldedtogether hollow PVC sections (2-6), and in which the panel (7, 8) is held between strips (15) disposed on the PVC sections (12) and strips (18) which slot behind flanges (16, 17) provided on the PVC sections, the strips (15, 18) being designed in such a way that they lie fully within the section thickness.

The section (12) for the surround is preferably a tubular section (13) with at least one partition (14) which is provided on one side with the fixed strip (15) and the snap-in flanges (16, 17) for fastening of an insulating panel or insulating glass, and on the other side has two double-walled strips (20, 21) which are flush with the outsides of the tubular section, and between which an open chamber (22) is formed. The inside walls (20', 21') of the double-walled strips (20, 21) are provided with raised parts (23, 2) (sic), and along the top cross-member (2) and the jambs (4, 5) of the surround an auxiliary lath (35) which snaps into the said raised parts and closes the open chamber is provided.

It is advantageous if provision is made, on the doublewalled strip at the contact side of the door, for a groove (25) with raised parts (26, 27) lying opposite each other in the opening, for the fitting of a sealing strip.







## **EUROPEAN SEARCH REPORT**

EP 87 20 0691

	DOCUMENTS CONSI	DERED TO BE RELEV	ANT		
Category		ndication, where appropriate.	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)	
X	NL-A-7 305 834 (SI * Page 1, line 1 - 6, line 22 - page 7 lines 15-24; figure	page 3, line 6; page , line 18; page 8.	1 2 8	E 06 B 3/22 E 06 B 3/58	
Y		. <b>.</b>	3,4,5,7		
Y	1974, pages 1-8, Pa "Avis sur la fenêtr * Page 4, figures: profilés"; column 2 3,3; page 5, column	NT, livraison 154, . 8/74-11, November ris, FR; SAFERM: e en PVC S.P. 60" "Detail des , paragraphs 3.2.	3,7		
A	IDEM		7		
Υ	DE-A-2 030 746 (PU * Page 7, line 14 - page 9, line 10 - p figures 2,4 *	page 8, line 21;	4,5	TECHNICAL FIELDS SEARCHED (Int. CI.4)	
Υ	DE-A-2 553 801 (SA * Page 14, line 4 - figure 5 *	LAMANDER) page 16, line 2;	9		
Y	GB-A-2 011 983 (RI * Page 1, lines 116	VERS AUTOMATION) -128; figures 1,2 *	10		
Α	US-A-2 927 354 (LA * Column 2, line 13 75; figures 1-14 *	UER) - column 4, line -/-	1,2,4,7		
	The present search report has b	een drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 03-01-1989		Examiner  OORTER F.	
X : par Y : par doc A : tecl O : nor	CATEGORY OF CITED DOCUME ticularly relevant if taken alone ticularly relevant if combined with an ument of the same category nological background p-written disclosure transparent and the same category and the same category are the same category are the same category and the same category are the same category are the same category are the same category are same category as a s	E : earlier pate after the fi  other D : document o  L : document o	rinciple underlying the ent document, but publi ling date cited in the application cited for other reasons	invention ished on, or	





## **EUROPEAN SEARCH REPORT**

EP 87 20 0691

		DERED TO BE RELEVA	71.1		
Category	Citation of document with inc of relevant pass		Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 4)	
A	BOUWWERELD, vol. 72, 1976, pages 28-29; " hard PVC" * Page 28, column 2,	Ramen van Hostalit	1,4,6		
A	PLASTICA, vol. 21, n 1968, pages 524-535; "Ramen van kunststof * Page 528, figure 4	C.A. VISSER:	1,4		
P,X	NL-A-8 500 143 (WAV * Page 1, line 5 - p figures 1-6 *		1,8		
P,A			4,6		
				TECHNICAL FIELDS	
				SEARCHED (Int. Cl.4)	
	The present search report has been	ı drawn up for all claims			
<del></del>	Place of search	Date of completion of the search	<del></del>	Examiner	
		03-01-1989	DEPO	DEPOORTER F.	
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		E : earlier patent d after the filing er D : document cited L : 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		