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EUROPEAN PATENT APPLICATION

(21) Application number: 88200505.1

⑤1 Int. Cl.⁴: F 24 F 13/14

② Date of filing: 25.02.87

F 24 F 7/02, F 24 F 13/00

30 Priority: 28.02.86 DE 3606563
28.02.86 DE 8605429
28.02.86 DE 8605430

(43) Date of publication of application:
12.04.89 Bulletin 89/15

84 Designated Contracting States:
AT BE CH DE FR GB I I I I NI

60 Publication number of the earlier application in accordance with Art. 76 EPC: 0 234 925

88 Date of deferred publication of search report:
28.06.89 Bulletin 89/26

(71) Applicant: **COLT INTERNATIONAL HOLDINGS A.G.**
Alpenstrasse 14
CH-6300 Zug (CH)

72 Inventor: Peters, Norbert
Gartenstrasse 29
D-4179 Weeze 1 (DE)

Daams, Dietmar
Zur Schleuse 13
D-4190 Klieve (DE)

74 Representative: **Slight, Geoffrey Charles et al
Graham Watt & Co, Riverhead
Sevenoaks Kent TN13 2BN (GB)**

54 Ventilation device for building roofs.

57 The device has a rectangular housing (2) defining between opposite pairs of upstanding walls (3,4) (see Fig. 1) a ventilation opening controlled by overlapping flaps (5) pivotally movable about hinge axes (61) by means of a drive device (not shown). The flaps (5) have end walls (271) which extend downwardly outside the housing walls (4) and in the regions of their overlap the flaps are formed with water collecting channels (221). The flap outer walls (171) first rise steeply in an initial portion (231) adjacent the bottom of the channels (221) and then incline more gently upwards to end beyond a culmination line (251) in an end portion (261) inclined slightly downwards. To assist in preventing spillage of surface water through the ventilation opening when opening the flaps (5) an upright water deflector lip (321) is provided midway of the initial portion (231) of each flap outer surface which lip projects with its ends (331) beyond the end walls (271) of the flap. The outside of the end walls (271) of the flaps also have further water deflector ribs (371) which extend obliquely downwards past the discharge mouths of the water collecting channels (221).

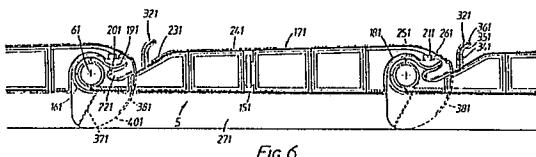


FIG. 6.



EP 88 20 0505

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.4)
A	EP-A-0 119 369 (FUTURA ALUMINIUM SYSTEMS S.r.l) * Page 1, lines 1-6; figures 5,7,15 * ---	1	F 24 F 13/14 F 24 F 7/02 F 24 F 13/00
A	US-A-2 532 401 (R.D. GOODWIN) * Column 3, lines 64-70; figures 2,3 * ---	1	
A	US-A-2 145 569 (L.M. JONES) * Page 2, right-hand column, lines 69-75; figures * ---	1	
A	EP-A-0 052 173 (A. MAZZOCO) ---		
A	US-A-3 908 529 (F.J. McCABE) -----		
TECHNICAL FIELDS SEARCHED (Int. Cl.4)			
F 24 F E 06 B E 04 F E 04 D			
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search		Examiner
THE HAGUE	30-03-1989		BORRELLI R.M.G.A.
CATEGORY OF CITED DOCUMENTS		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	
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			