

Title (en)
VENTILATION DEVICE FOR BUILDING ROOFS

Publication
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Application
EP 87301623 A 19870225

Priority
• DE 3606563 A 19860228
• DE 8605429 U 19860228
• DE 8605430 U 19860228

Abstract (en)
[origin: EP0311153A2] 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).

IPC 1-7
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IPC 8 full level
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CPC (source: EP)
F24F 7/02 (2013.01); **F24F 13/1486** (2013.01); **F24F 13/15** (2013.01)

Citation (search report)
• [A] FR 2371208 A1 19780616 - PANOL [FR]
• [A] US 3605603 A 19710920 - MCCABE FRANCIS J
• [A] GB 2120775 A 19831207 - MCKENZIE MARTIN LIMITED
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• [A] US 3591980 A 19710713 - CHENG RAYMOND SHU KWOK
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Designated contracting state (EPC)
AT BE CH DE FR GB LI LU NL

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EP 0311153 A2 19890412; **EP 0311153 A3 19890628**; **EP 0311153 B1 19900912**; AU 593614 B2 19900215; AU 6923787 A 19870903; DE 3764823 D1 19901018; DE 3764960 D1 19901018; EP 0234925 A2 19870902; EP 0234925 A3 19871111; EP 0234925 B1 19900912; NZ 219383 A 19881028

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