

Title (en)  
VENTILATING ELEMENT FOR BUILDING COVERINGS

Publication  
**EP 0117187 B1 19870506 (FR)**

Application  
**EP 84400246 A 19840206**

Priority  
FR 8302200 A 19830211

Abstract (en)  
[origin: US4555982A] A roof ventilator comprises a base plate insertable in a roof assembly and having an opening receiving a panel leaving a free passageway at the lower end. The panel having a plurality of pairs of transverse louvers defining louver openings. Alternate louvers extend outwardly and upwardly and outwardly and downwardly from the panel, the cross-sectional area of the louver openings tapers outwardly and the endmost louvers converge outwardly of the panel. A projecting ridge is formed in the base plate beyond the lower transverse edge of the passageway and has an upper side which is connected by a step to an inclined section of the bottom wall of a duct communicating both with the louver openings and passageway and the attic or rooms below. Irrespective of the direction of currents of air flowing along the roof negative pressure is produced inside the duct.

IPC 1-7  
**E04D 1/30**; **F24F 7/02**

IPC 8 full level  
**E04D 1/30** (2006.01); **E04D 13/17** (2006.01); **F24F 7/02** (2006.01)

CPC (source: EP US)  
**E04D 1/30** (2013.01 - EP US); **E04D 13/17** (2013.01 - EP US); **F24F 7/02** (2013.01 - EP US); **E04D 2001/309** (2013.01 - EP US)

Cited by  
EP1865269A1; FR2620748A1; FR2687181A1; EP0663487A1; NL9400059A; DE3836334A1; FR2901821A1; FR3110187A1

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 0117187 A2 19840829**; **EP 0117187 A3 19850821**; **EP 0117187 B1 19870506**; AT E27024 T1 19870515; CA 1223711 A 19870707; DE 3463542 D1 19870611; FR 2540916 A1 19840817; FR 2540916 B1 19850517; US 4555982 A 19851203

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**EP 84400246 A 19840206**; AT 84400246 T 19840206; CA 446879 A 19840207; DE 3463542 T 19840206; FR 8302200 A 19830211; US 57771884 A 19840207