

Title (en)  
Ventilation device

Title (de)  
Ventilationsvorrichtung

Title (fr)  
Dispositif de ventilation

Publication  
**EP 2505930 A1 20121003 (EN)**

Application  
**EP 12161646 A 20120328**

Priority  
BE 201100191 A 20110329

Abstract (en)  
The present invention relates to a ventilation device, comprising a self-regulating valve (2), which is arranged in an air flow duct (1) so as to be tiltable between an open position and a closed position, in which said valve (2) is arranged on one or more supporting bodies (3) in the air flow duct (1) in such a manner that essentially a line contact (A) results between the valve (2) and the one or more supporting bodies (3), in which said ventilation device can be installed in roofs having different angles of inclination while retaining its self-regulating action, due to the fact that the centre of gravity (Z) of the valve (2) is situated next to the line contact (A) at each installation position and due to the fact that, in an installation position which is situated virtually in the middle between the outer installation positions, the centre of gravity (Z) of the valve (2) in the open position is situated in a virtually horizontal plane through the line contact (A) and the distance (X) between the line contact (A) and the centre of gravity (Z) is such that when the pressure difference across the valve (2) decreases, this valve (2) tilts to its open position.

IPC 8 full level  
**F24F 11/04** (2006.01)

CPC (source: EP)  
**F24F 11/745** (2017.12); **F24F 11/75** (2017.12)

Citation (applicant)  

- NL 1025600 C2 20050830 - RENSON PAUL [BE], et al
- EP 0606945 A1 19940720 - COMPRI ALUMINIUM [NL]
- NL 1014499 C2 20001010 - REMI EMIEL VAN PARYS [BE]
- EP 2051020 A1 20090422 - DEMCONSTRUCT SARL [TN]
- EP 0362913 A1 19900411 - TNO [NL]
- EP 0503722 A1 19920916 - TNO [NL]
- NL 9102132 A 19920716 - HEYCOP BEHEER BV

Citation (search report)  

- [I] NL 1026034 C2 20051025 - VKR HOLDING AS [DK]
- [AD] NL 1014499 C2 20001010 - REMI EMIEL VAN PARYS [BE]
- [A] FR 2105313 A5 19720428 - OGN Y JEAN D
- [AD] EP 1568947 A1 20050831 - RENSON VENTILATION NV [BE], et al

Cited by  
CN111238062A

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AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

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