

Title (en)  
Backflow protection apparatus for ventilation device

Title (de)  
Rückflussschutzgerät

Title (fr)  
Appareil de protection de reflux

Publication  
**EP 1988341 A1 20081105 (EN)**

Application  
**EP 08150943 A 20080201**

Priority  
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Abstract (en)  
The invention relates to A backflow protection apparatus (1) for an air ventilator (2). The air ventilator (2) comprises a first air inlet (2.1), an air outlet (2.2), and an air channel (2.3) to enable air flow between the first air inlet (2.1) and the air outlet (2.2). The backflow protection apparatus (1) comprises a backflow trap (1.1) having a first edge (1.1.1) and a second edge (1.1.2) and a convex surface between said first edge (1.1.1) and said second edge (1.1.2). The backflow protection apparatus (1) further comprises an installation element (1.2), which comprises a support element (1.2.2) for supporting the backflow trap (1.1) at said first edge (1.1.1).

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**E06B 7/10** (2013.01); **F24F 13/18** (2013.01); **E06B 2007/026** (2013.01)

Citation (applicant)  
• EP 0801275 A2 19971015 - TARPIO TAPIO [FI]  
• US 5916023 A 19990629 - MEYER STEPHEN T [US]  
• EP 1445415 A1 20040811 - TARPIO TAPIO [FI]

Citation (search report)  
• [XY] US 5916023 A 19990629 - MEYER STEPHEN T [US]  
• [XY] EP 1445415 A1 20040811 - TARPIO TAPIO [FI]  
• [X] DE 2904320 B1 19800807 - KIPARSKI HEINZ, et al  
• [X] US 4002110 A 19770111 - TEODORESCU CONSTANTIN, et al  
• [X] FI 40217 B 19680731 - BAHCO AB [SE]  
• [A] US 4939986 A 19900710 - TURNER CHARLES R [US]  
• [A] EP 1630486 A2 20060301 - DELPHI TECH INC [US]  
• [A] DE 20115688 U1 20011206 - TROX GMBH GEB [DE]  
• [A] JP 2004226053 A 20040812 - SAEKI JOICHI, et al  
• [A] US 5167578 A 19921201 - LEGAULT REGINALD C [CA]  
• [A] FR 2652106 A1 19910322 - BARBARIN LAURENT [FR], et al

Cited by  
EP2264376A1; US9371922B2

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Designated extension state (EPC)  
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