

Title (en)  
Air flow channel

Title (de)  
Luftströmungskanal

Title (fr)  
Canal de conduit d'air

Publication  
**EP 1161915 B1 20061004 (DE)**

Application  
**EP 01107221 A 20010323**

Priority  
• DE 10019125 A 20000418  
• DE 10023408 A 20000512

Abstract (en)  
[origin: EP1161915A2] An air flow channel (4) of domestic suction or blowing apparatus, especially a vacuum cleaner, has a structuring of the inner wall of the air flow channel leading to a micro-turbulence. The structuring is designed to be scaly. The structuring is designed to be groove-shaped and unordered. The structuring is designed on the largest part of the inner wall of the air flow channel from a suction air inlet to the suction fan inlet. The structuring is designed also on the largest part of the inner wall of the air flow channel from the fan outlet to a fan air outlet. The structuring is designed in the 100th to 10th of a millimetre range.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 5/28** (2006.01); **A47L 9/02** (2006.01); **A47L 9/24** (2006.01); **F15D 1/02** (2006.01); **F15D 1/06** (2006.01)

CPC (source: EP)  
**A47L 9/0072** (2013.01); **A47L 9/0081** (2013.01); **A47L 9/02** (2013.01); **A47L 9/24** (2013.01); **F15D 1/065** (2013.01)

Cited by  
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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1161915 A2 20011212**; **EP 1161915 A3 20050420**; **EP 1161915 B1 20061004**; AT E341268 T1 20061015; DE 50111125 D1 20061116; ES 2270913 T3 20070416

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