

Title (en)  
Bleed air device for a vacuum cleaner

Title (de)  
Nebenlufterrichtung für einen Staubsauger

Title (fr)  
Dispositif d'aération secondaire pour un aspirateur

Publication  
**EP 2198764 B1 20131120 (DE)**

Application  
**EP 09178033 A 20091204**

Priority  
DE 102008055049 A 20081219

Abstract (en)  
[origin: EP2198764A2] The bleed air device (1) has a valve (3) and a channel (4), where the channel has an inlet opening (5) and an outlet opening which connects the channel with a suction air guide (7). The channel has an inlet section and outlet section. The inlet section connects the inlet opening with the valve and the outlet section connects the valve with the outlet opening.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP)  
**A47L 9/0072** (2013.01); **A47L 9/327** (2013.01)

Cited by  
US10165920B2; WO2011107768A1; JP2017060756A; EP2160968A3; GB2542423A; US2017079495A1; GB2542423B; GB2478387A; GB2478388A; GB2478389A; GB2478388B; GB2478389B; GB2478387B; AU2011222700B2; US8650709B2; US8671517B2; US8959708B2; WO2011107769A1; WO2011107770A3

Designated contracting state (EPC)  
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 SE SI SK SM TR

DOCDB simple family (publication)  
**EP 2198764 A2 20100623; EP 2198764 A3 20121212; EP 2198764 B1 20131120**; DE 102008055049 A1 20100701; ES 2443123 T3 20140217

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