

Title (en)
Bleed air device for a vacuum cleaner

Title (de)
Nebenlufteinrichtung für einen Staubsauger

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

Publication
EP 2198764 A3 20121212 (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)

Citation (search report)

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- [AD] EP 0370981 A1 19900530 - ELECTROLUX AB [SE]
- [AD] US 5747764 A 19980505 - SON CHANG-WOO [KR], et al
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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

Designated extension state (EPC)
AL BA RS

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

DOCDB simple family (application)
EP 09178033 A 20091204; DE 102008055049 A 20081219; ES 09178033 T 20091204