

Title (en)
Vacuum cleaner with secondary air duct

Title (de)
Staubsauger mit Nebenluftkanal

Title (fr)
Aspirateur avec conduit d'air secondaire

Publication
EP 2659823 A3 20180307 (DE)

Application
EP 13165260 A 20130425

Priority
DE 102012207348 A 20120503

Abstract (en)
[origin: EP2659823A2] The vacuum cleaner (100) has to-be-cooled component (110) such as triac component, and secondary air channel (120). The secondary air channel is extended in the air flow direction from an opening in the housing of the vacuum cleaner over to-be-cooled component to main air channel (102) or to blower (104). The constriction portion (130) is arranged and designed so that an air stream flowing through the constriction portion is aligned in the direction of the to-be-cooled component during operation of the vacuum cleaner.

IPC 8 full level
A47L 9/26 (2006.01); **A47L 9/00** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)
A47L 9/0072 (2013.01); **A47L 9/26** (2013.01); **A47L 9/2889** (2013.01)

Citation (search report)

- [XAY] DE 9003938 U1 19910808
- [XAY] DE 9100815 U1 19910411
- [XAY] DE 1703970 A1 19720309 - MATSUSHITA ELECTRIC IND CO LTD
- [YA] WO 2008000829 A1 20080103 - BSH BOSCH SIEMENS HAUSGERAETE [DE], et al
- [A] DE 102008041228 A1 20100218 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 9402995 U1 19940707 - SIEMENS AG [DE]

Designated contracting state (EPC)
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

DOCDB simple family (publication)
EP 2659823 A2 20131106; EP 2659823 A3 20180307; EP 2659823 B1 20220330; DE 102012207348 A1 20131107

DOCDB simple family (application)
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