

Title (en)  
Vacuum cleaner

Title (de)  
Staubsauger

Title (fr)  
Aspirateur

Publication  
**EP 2060219 A3 20140423 (EN)**

Application  
**EP 08157946 A 20080610**

Priority  
KR 20070117416 A 20071116

Abstract (en)  
[origin: EP2060219A2] Disclosed herein is a vacuum cleaner constructed in a structure to reduce the generation of noise due to air flowing along a guide channel. The vacuum cleaner includes a suction plate having a main suction port to suction dust from a surface to be cleaned and a guide channel to guide air to the main suction port, a suction duct communicating with the main suction port, and a connection unit to allow the guide channel to communicate with the suction duct such that some of the air introduced into the guide channel is bypassed to the suction duct.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 9/02** (2006.01)

CPC (source: EP KR)  
**A47L 9/0081** (2013.01 - EP); **A47L 9/02** (2013.01 - EP KR)

Citation (search report)

- [X] DE 102005023406 A1 20060504 - SAMSUNG KWANGJU ELECTRONICS CO [KR]
- [A] US 4747179 A 19880531 - BERFIELD ROBERT C [US]
- [A] EP 1803381 A2 20070704 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by  
DE102013108893B4; EP2514346A3; CN111712170A; EP2987444A1; DE102013108893A1; US2013048553A1; EP2944242A1; US9352255B2; CN113243820A; US11918173B2; WO2020037514A1; WO2020182247A1; EP2514346A2; DE102011007889A1

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 2060219 A2 20090520; EP 2060219 A3 20140423**; KR 101457162 B1 20141103; KR 20090050792 A 20090520

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**EP 08157946 A 20080610**; KR 20070117416 A 20071116