

Title (en)  
Vacuum cleaner

Title (de)  
Staubsauger

Title (fr)  
Aspirateur

Publication  
**EP 2662012 A3 20170201 (EN)**

Application  
**EP 13166688 A 20130506**

Priority  
KR 20120048067 A 20120507

Abstract (en)  
[origin: EP2662012A2] Disclosed is a vacuum cleaner, and more particularly, a vacuum cleaner having an improved structure for pulling in and withdrawing a power cord (190), thereby providing user convenience and enhancing durability. The cleaner includes a cleaner body (100), a power cord (190) provided for application of electric power to the cleaner, a cord reel assembly (150) including a cord reel (152) adapted to wind the power cord (190) in the body (100), and a direction guide assembly (300) formed to have a width narrowing in a direction of introduction of the power cord (190) into the cleaner such that the power cord 190) is directed toward a central portion of the cord reel assembly (150).

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

CPC (source: EP KR)  
**A47L 9/26** (2013.01 - EP KR); **A47L 9/28** (2013.01 - KR)

Citation (search report)

- [XA] KR 100354605 B1 20020930
- [XA] GB 1212244 A 19701111 - PHILIPS NV [NL]
- [XA] US 3508291 A 19700428 - KLEBE ELMER C JR

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 2662012 A2 20131113; EP 2662012 A3 20170201; EP 2662012 B1 20171213**; CN 103385670 A 20131113; CN 103385670 B 20151223; KR 101461981 B1 20141114; KR 20130124728 A 20131115; TR 201802897 T4 20180321

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**EP 13166688 A 20130506**; CN 201310164712 A 20130507; KR 20120048067 A 20120507; TR 201802897 T 20130506