

Title (en)  
AUTOMATIC CLEANER

Title (de)  
AUTOMATISCHER REINIGER

Title (fr)  
NETTOYEUR AUTOMATIQUE

Publication  
**EP 2997870 B1 20180912 (EN)**

Application  
**EP 15193040 A 20120921**

Priority

- KR 20110096101 A 20110923
- KR 20110128241 A 20111202
- EP 12834284 A 20120921
- KR 2012007578 W 20120921

Abstract (en)  
[origin: US2013291331A1] An automatic cleaner, which includes a casing including a suction port through which,a foreign substance is suctioned, a moving device that moves the casing, and a side brush assembly movably installed on the casing. The side brush assembly includes a brush rotating to move a foreign substance located outside the footprint of the casing, to the suction port. A rotation shaft of the brush is moved according to a movement of the side brush assembly.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 9/04** (2006.01); **A47L 9/28** (2006.01); **A47L 11/20** (2006.01)

CPC (source: EP US)  
**A47L 9/009** (2013.01 - EP US); **A47L 9/0411** (2013.01 - EP US); **A47L 9/0472** (2013.01 - EP US); **A47L 9/0477** (2013.01 - EP US); **A47L 9/0488** (2013.01 - EP US); **A47L 9/2847** (2013.01 - EP US); **A47L 9/2889** (2013.01 - EP US); **A47L 2201/00** (2013.01 - EP US); **A47L 2201/06** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**US 2013291331 A1 20131107**; AU 2012310377 A1 20130912; AU 2012310377 A8 20130919; AU 2012310377 B2 20150820; CN 103402412 A 20131120; EP 2737837 A2 20140604; EP 2737837 A4 20150715; EP 2737837 A8 20141015; EP 2737837 B1 20170405; EP 2997870 A1 20160323; EP 2997870 B1 20180912; WO 2013042975 A2 20130328; WO 2013042975 A3 20130613

DOCDB simple family (application)  
**US 201213980291 A 20120921**; AU 2012310377 A 20120921; CN 201280010227 A 20120921; EP 12834284 A 20120921; EP 15193040 A 20120921; KR 2012007578 W 20120921