

Title (en)  
Vacuum cleaner

Title (de)  
Staubsauger

Title (fr)  
Aspirateur

Publication  
**EP 2818088 A1 20141231 (EN)**

Application  
**EP 13184516 A 20130916**

Priority  
KR 20130005088 U 20130624

Abstract (en)  
A vacuum cleaner (100), in which a handle (150) installed at a main body (110) is rotated and is folded, and the direction and the length of the handle (150) are adjusted according to a user's physical condition or a cleaning environment so that the vacuum cleaner (100) can be conveniently used, the vacuum cleaner (100) including: a main body (110); a first support part (130) and a second support part (140) that are installed at an outer side of the main body (110) and are spaced apart from each other by a predetermined distance; and a handle (150) combined between the first support part (130) and the second support (140) part, wherein one end of the handle (150) is pivotably installed at the first support part (130), and the other end of the handle (150) is detachably installed at the second support part (140).

IPC 8 full level  
**A47L 9/32** (2006.01)

CPC (source: EP KR US)  
**A47L 5/24** (2013.01 - US); **A47L 5/28** (2013.01 - KR); **A47L 9/32** (2013.01 - KR); **A47L 9/322** (2013.01 - EP US); **B25G 1/06** (2013.01 - EP US); **B25G 3/12** (2013.01 - EP US)

Citation (applicant)  
• KR 200447957 Y1 20100305  
• KR 100389289 B1 20030627

Citation (search report)  
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• [Y] US 4662026 A 19870505 - SUMERAU WILLIAM R [US], et al  
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• [X] DE 3435878 A1 19860410 - LICENTIA GMBH [DE]  
• [A] CN 201398936 Y 20100210 - SUZHOU CLEANPLUS ELECTRIC APPLIANCE CO LTD  
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CN105816104A

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 2818088 A1 20141231**; CN 104224051 A 20141224; JP 2015006304 A 20150115; JP 5760058 B2 20150805; KR 200475588 Y1 20141212; US 2014373305 A1 20141225

DOCDB simple family (application)  
**EP 13184516 A 20130916**; CN 201310421506 A 20130916; JP 2013190297 A 20130913; KR 20130005088 U 20130624; US 201314028899 A 20130917