

Title (en)  
HEAD FOR A DUST VACUUM CLEANER

Title (de)  
STAUBSAUGERMUNDSTÜCK

Title (fr)  
TETE D'ASPIRATEUR A POUSSIERE

Publication  
**EP 1314388 B1 20061102 (EN)**

Application  
**EP 01963008 A 20010801**

Priority  
• ES 0100311 W 20010801  
• ES 0000298 W 20000801

Abstract (en)  
[origin: EP1314388A1] It comprises a central hollow body (12c) including a central part (10c) of the open chamber connected to a negative pressure source and at least two side hollow bodies (12a, 12b) joined to both sides of central hollow body (12c) by a hinge (13) which admits rotations with respect to a common axis substantially normal to the surface to be treated. The central part (10c) of the open chamber (10c) has an opening (14) at the hinging area (13) and side hollow bodies (12a, 12b) comprise respective side parts (10a, 10b) of the open chamber communicated with the said opening (14) of central part (10c) of the open chamber through the said hinge (13). Thus, the sucking front has a variable geometry and comprises, by means of the said three side and central part (10a, 10b, 10c) of the open chamber the two side and central hinge (13) of the head. <IMAGE>

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

CPC (source: EP US)  
**A47L 9/02** (2013.01 - EP US)

Cited by  
AT413789B; GB2407260A; GB2407260B; EP2823745A1; CN104274124A; GB2407259A; GB2407259B; RU2672501C2; US11678779B2; DE10345963A1; ES2265711A1; US11607096B2; US9681785B2; WO2015067919A1; WO2015150084A1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1314388 A1 20030528; EP 1314388 B1 20061102**; AT E343955 T1 20061115; AU 6444000 A 20020218; AU 8406301 A 20020218; BR 0113082 A 20030624; DE 60124266 D1 20061214; DE 60124266 T2 20070531; ES 2275715 T3 20070616; MX PA03000932 A 20040802; PT 1314388 E 20070228; US 2004025289 A1 20040212; WO 0211595 A1 20020214; WO 0211596 A1 20020214

DOCDB simple family (application)  
**EP 01963008 A 20010801**; AT 01963008 T 20010801; AU 6444000 A 20000801; AU 8406301 A 20010801; BR 0113082 A 20010801; DE 60124266 T 20010801; ES 0000298 W 20000801; ES 0100311 W 20010801; ES 01963008 T 20010801; MX PA03000932 A 20010801; PT 01963008 T 20010801; US 34349303 A 20030804