

Title (en)  
CARPET AND FLOOR BRUSH FOR A VACUUM CLEANER

Title (de)  
BODENDÜSE FÜR EINEN STAUBSAUGER

Title (fr)  
SUCEUR POUR ASPIRATEUR

Publication  
**EP 1713368 B1 20070620 (DE)**

Application  
**EP 05701642 A 20050204**

Priority  
• EP 2005050478 W 20050204  
• DE 102004006402 A 20040210

Abstract (en)  
[origin: DE102004006402A1] The nozzle has a rotating brush (6) and a suction volume (3) limited by a fixed part of the housing (9) having holes (15) to the brush area and a flexible volume limiter (10) which is deflected by the direction of motion to alter the suction area.

IPC 8 full level  
**A47L 9/00** (2006.01); **A47L 9/02** (2006.01); **A47L 9/04** (2006.01)

CPC (source: EP)  
**A47L 9/0072** (2013.01); **A47L 9/02** (2013.01); **A47L 9/0483** (2013.01); **A47L 9/0488** (2013.01)

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**DE 102004006402 A1 20050825**; AT E365018 T1 20070715; CN 100453022 C 20090121; CN 1917800 A 20070221;  
DE 502005000899 D1 20070802; EP 1713368 A1 20061025; EP 1713368 B1 20070620; ES 2285675 T3 20071116; JP 2007521872 A 20070809;  
PL 1713368 T3 20070831; RU 2006132323 A 20080320; WO 2005077241 A1 20050825

DOCDB simple family (application)  
**DE 102004006402 A 20040210**; AT 05701642 T 20050204; CN 200580004496 A 20050204; DE 502005000899 T 20050204;  
EP 05701642 A 20050204; EP 2005050478 W 20050204; ES 05701642 T 20050204; JP 2006551854 A 20050204; PL 05701642 T 20050204;  
RU 2006132323 A 20050204