

Title (en)
SUCTION CLEANERS

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEURS

Publication
EP 1583449 A1 20051012 (EN)

Application
EP 03778550 A 20031202

Priority
• GB 0305189 W 20031202
• GB 0228153 A 20021203

Abstract (en)
[origin: WO2004049887A1] A suction cleaner of the cylinder type comprising a main unit (10) including a source of suction and a dust separating/ collecting means; a flexible hose; a wand (17); and a cleaning head (19); wherein the main unit (10) is able to be stood on its end and there is releasable catch means providing for the wand (17) with cleaning head (19) attached to be releasably connected to the main unit (10).

IPC 1-7
A47L 9/00; A47L 5/36; A47L 9/32

IPC 8 full level
A47L 5/36 (2006.01); **A47L 9/00** (2006.01); **A47L 9/32** (2006.01)

CPC (source: EP US)
A47L 5/362 (2013.01 - EP US); **A47L 9/0045** (2013.01 - EP US); **A47L 9/327** (2013.01 - EP US)

Citation (search report)
See references of WO 2004049887A1

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
WO 2004049887 A1 20040617; AU 2003285552 A1 20040623; AU 2003285552 B2 20080103; CN 100459921 C 20090211;
CN 1744840 A 20060308; EP 1583449 A1 20051012; GB 0228153 D0 20030108; JP 2006508724 A 20060316; MX PA05006025 A 20060519;
RU 2005120733 A 20060120; RU 2301614 C2 20070627; US 2006137128 A1 20060629

DOCDB simple family (application)
GB 0305189 W 20031202; AU 2003285552 A 20031202; CN 200380109281 A 20031202; EP 03778550 A 20031202; GB 0228153 A 20021203;
JP 2004556497 A 20031202; MX PA05006025 A 20031202; RU 2005120733 A 20031202; US 53748105 A 20051114