

Title (en)
Vacuum cleaner

Title (de)
Staubsauger

Title (fr)
Aspirateur

Publication
EP 1323370 A2 20030702 (EN)

Application
EP 02028358 A 20021217

Priority
JP 2001384387 A 20011218

Abstract (en)
A vacuum cleaner including a cyclone style dust box provided in a vacuum cleaner main body, an outer filter portion provided within the dust box which forms a first cyclone space between the outer filter portion and an inner wall of the dust box, an inner filter portion provided within the outer filter portion which forms a second cyclone space between the inner filter portion and an inner wall of the outer filter portion, and a flange portion provided to the outer filter portion which extends towards an inner wall of the dust box. It is possible to achieve a high dust collection efficiency since two cyclone spaces are provided in a dust box interior. <IMAGE>

IPC 1-7
A47L 9/16; **A47L 5/36**

IPC 8 full level
A47L 5/36 (2006.01); **A47L 9/16** (2006.01)

CPC (source: EP KR)
A47L 5/362 (2013.01 - EP); **A47L 9/16** (2013.01 - KR); **A47L 9/1633** (2013.01 - EP); **A47L 9/165** (2013.01 - EP)

Cited by
EP1674020A3; EP1495708A3; GB2457419A; GB2457419B; GB2398734A; GB2398734B; US11950750B2; US8146201B2; US11571098B2; WO2008070962A1; EP1674020A2; US7731769B2; US10271698B2; US10314447B2; US9775482B2; US10182692B2; US10271703B2; US11116372B2; US11224320B2; US10736475B2; US10786126B2; US11357370B2; US7552506B2; US11432690B2; US10064530B2; US10820767B2; US11910992B2

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AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SI SK TR

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EP 1323370 A2 20030702; **EP 1323370 A3 20050629**; CN 1429523 A 20030716; JP 2003180578 A 20030702; KR 100462837 B1 20041223; KR 20030051362 A 20030625

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