

Title (en)
A household vacuum cleaner

Title (de)
Staubsauger für den Haushalt

Title (fr)
Aspirateur de nettoyage ménager

Publication
EP 0836827 B1 20001129 (EN)

Application
EP 96830540 A 19961021

Priority
EP 96830540 A 19961021

Abstract (en)
[origin: EP0836827A1] A double-cyclone domestic vacuum cleaner in which a first cyclone (1), separable from a coaxial second cyclone (14) inside the said first cyclone, collects the coarser particulate material and deposits it in a first container (3) and the said second cyclone collects the finer dust, the first container and the first and second cyclones being transversed by an axial suction duct (6) which connects the top of the second cyclone (14) with suction means (31). The second cyclone has an axial sleeve (20) which engages the axial suction duct (6) and forms at the bottom of the second cyclone a toroidal dust collection chamber, which can be opened by moving the sleeve (20) and the second cyclone (14) relative to each other for disposing of the dust. Alternatively, the toroidal chamber may house a disposable capsule (43, 48) for collecting and storing dust, which is inserted through an openable lid (44) on the second cyclone (14) which can be sealed, before being removed, without needing to open the lid (44). <IMAGE>

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A47L 5/00; A47L 9/16

IPC 8 full level
A47L 9/16 (2006.01)

CPC (source: EP)
A47L 9/1633 (2013.01)

Cited by
US10244911B2; US10624513B2; KR101130033B1; EP1516574A3; CN100352393C; AU2002241151B2; AU2002241151C1; JP2012066081A; CN102406486A; AU2007200867B2; US7014671B2; US2013227813A1; US8997309B2; US2015096144A1; US9629511B2; US10299648B2; US9204772B2; US8863352B2; US6989039B2; US9009912B2; US6863702B2; US6334234B1; US8800104B2; US9161668B2; WO0021428A1; WO2082966A1; WO2014016007A1; WO2012038712A1; US6782585B1; US10143345B2; US10390670B2; US8782850B2

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