

Title (en)

Liquid bath vacuum cleaner with dynamic separator

Title (de)

Staubsauger mit Flüssigkeitsbad mit dynamischen Trenner

Title (fr)

Aspirateur à bain de liquide avec séparateur dynamique

Publication

EP 1475028 B1 20101103 (EN)

Application

EP 04002891 A 20040210

Priority

IT MI20030920 A 20030507

Abstract (en)

[origin: EP1475028A2] The liquid bath vacuum cleaner comprises a suction fan assembly (16) and a dynamic separator (21) extending into an air whirling chamber (22). The separator (21) comprises a basket-like cylindrical body provided with a plurality of slots (34) for the passage of the air, and peripheral fins (21). Each fin has a wide flat front surface (SF2), rearwardly slanted in a direction opposite to the rotation of the separator (21), for ejecting the particles of dust (P) towards the whirling chamber (22), into the liquid bath.

IPC 8 full level

A47L 9/18 (2006.01); **A47L 7/00** (2006.01)

CPC (source: EP)

A47L 7/0004 (2013.01); **A47L 9/181** (2013.01); **A47L 9/188** (2013.01)

Cited by

EP2196125A3; DE102011102530B3; EP2471429A3; EP2364633A1; CN104759045A; EP2138083A1; EP2901907A1; EP2468164A1; US9155436B2; US9554682B2; WO2017161688A1; WO2011110971A1; JP2013521848A

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1475028 A2 20041110; EP 1475028 A3 20070815; EP 1475028 B1 20101103; AT E486512 T1 20101115; DE 602004029840 D1 20101216; IT MI20030920 A1 20041108

DOCDB simple family (application)

EP 04002891 A 20040210; AT 04002891 T 20040210; DE 602004029840 T 20040210; IT MI20030920 A 20030507