

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 A2 20041110 (EN)**

Application

**EP 04002891 A 20040210**

Priority

IT MI20030920 A 20030507

Abstract (en)

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 1-7

**A47L 9/18**

IPC 8 full level

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

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

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