

Title (en)

Electrically powered aspirator unit with impeller for cooling the motor

Title (de)

Elektromotorisch betriebene Saugereinheit mit Laufrad zum Kühlen des Motors

Title (fr)

Unité d'aspiration actionnée par moteur électrique comprenant roue de refroidissement

Publication

EP 1025792 B1 20061011 (EN)

Application

EP 00200345 A 20000202

Priority

IT MI990237 A 19990208

Abstract (en)

[origin: EP1025792A2] A powered aspirator unit comprises an external shell (11) containing an electric motor (12, 13) on the shaft of which is keyed the suction fan (17). Between the motor and the fan there is a partition providing on a bottom face a fan containment cavity and on the other face is made the stator part (23) of a motor cooling impeller (24). In the partition (21) is made a seat (31) for a bearing (30) supporting the motor shaft (14).
<IMAGE>

IPC 8 full level

A47L 9/22 (2006.01); **A47L 5/22** (2006.01)

CPC (source: EP)

A47L 5/22 (2013.01)

Cited by

EP1325702A3; EP1334684A3; GB2467965A; GB2467965B; CN100338852C; EP1334685A3; AU2020289847A1; AU2020289847B2; US11976666B2; US8864460B2; US6851928B2; EP3763946A1; US9624940B2; EP3849065A1; US6808365B2; EP3763947A1; US11510542B2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1025792 A2 20000809; EP 1025792 A3 20020529; EP 1025792 B1 20061011; AT E341987 T1 20061115; DE 60031187 D1 20061123; DE 60031187 T2 20070830; DK 1025792 T3 20070219; IT 1307675 B1 20011114; IT MI990237 A1 20000808; TR 200000364 A2 20000921; TR 200000364 A3 20000921

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