

Title (en)
DOUBLE AIR FLOW SYSTEM FOR VACUUM DEVICES

Title (de)
DOPPELTES LUFTSTROMSYSTEM FÜR VAKUUMVORRICHTUNGEN

Title (fr)
SYSTÈME D'ÉCOULEMENT D'AIR DOUBLE POUR ASPIRATEURS

Publication
EP 3187080 A1 20170705 (EN)

Application
EP 15202839 A 20151228

Priority
EP 15202839 A 20151228

Abstract (en)
A suction device that uses a semi-closed circulation system that causes both suction and blowing action across an opening in the fluid flow generating device head or suction component. The blowing agitates dirt/dust from the surface to be cleaned and is sucked back around the semi-closed loop which brings the dust into a separator or fluid cleaning system where dirt/dust is separated and cleaned and re-circulated through the system through the blowing inlet repeatedly. This provides increased efficiency and reduced power consumption while providing more effective cleaning.

IPC 8 full level
A47L 5/14 (2006.01); **A47L 9/08** (2006.01)

CPC (source: EP)
A47L 5/14 (2013.01); **A47L 9/08** (2013.01)

Citation (search report)

- [X] EP 0501675 A1 19920902 - ELECTROLUX NORTHERN [GB]
- [X] US 5613269 A 19970325 - MIWA HIROHIDE [JP]
- [X] US 2002020296 A1 20020221 - ILLINGWORTH LEWIS [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3187080 A1 20170705

DOCDB simple family (application)
EP 15202839 A 20151228