Title (en)
PNEUMATIC SUCTION DEVICE

Title (de)
PNEUMATISCHE SAUGVORRICHTUNG

Title (fr)
DISPOSITIF D'ASPIRATION PNEUMATIQUE

Publication
EP 2413759 A1 20120208 (FR)

Application
EP 10717702 A 20100331

Priority
• FR 2010050612 W 20100331
• FR 0901605 A 20090401

Abstract (en)
[origin: WO2010112773A1] A pneumatic suction device (1) intended to be connected to a container (50/50'), comprising a nozzle (10), called the main nozzle, through which the expansion of a compressed gas is able to generate, by reaction, suction having a given flow rate and suction rate, said device comprising a secondary nozzle (20) through which the expansion of compressed gas is able to generate, by reaction, suction having a respectively lower flow rate and greater suction rate than the flow rate and suction rate obtained with the main nozzle, wherein the secondary nozzle is mounted such that it can be displaced axially with respect to the main nozzle, between a passive position, in which the effective expansion of the compressed gas takes place through the main nozzle, and an active position, in which the effective expansion of the compressed gas takes place through said secondary nozzle, wherein the device has control means (40) for determining the suction rate generated and able to control the displacement means (30) of the secondary nozzle, wherein said device includes detection means which enable it to know to which type of container it is connected and to implement the appropriate type of suction, in order to secure operation.

IPC 8 full level
A47L 5/16 (2006.01); **A47L 9/00** (2006.01); **A47L 9/28** (2006.01)

CPC (source: EP)
A47L 5/16 (2013.01); **A47L 9/0072** (2013.01); **A47L 9/2821** (2013.01); **A47L 9/2889** (2013.01)

Citation (search report)
See references of WO 2010112773A1

Designated contracting state (EPC)
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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010112773 A1 20101007; EP 2413759 A1 20120208; EP 2413759 B1 20151014; FR 2943931 A1 20101008; FR 2943931 B1 20110429

DOCDB simple family (application)
FR 2010050612 W 20100331; EP 10717702 A 20100331; FR 0901605 A 20090401