

Title (en)
Handheld suction cleaner

Title (de)
Tragbarer Saugreiniger

Title (fr)
Aspirateur à main

Publication
EP 2837316 A3 20180307 (EN)

Application
EP 13185773 A 20130924

Priority
CN 201310351279 A 20130813

Abstract (en)
[origin: EP2837316A2] A handheld suction cleaner, in particular for hard surface such as windows, glass doors and similar, comprises a suction nozzle (8) designed for sucking a mixture of liquid and air from a hard surface, a suction unit (6) in fluid communication with the suction nozzle (8) through an air flow path, a separating chamber (10) provided in the air flow path, a suction duct (9) connected to the suction nozzle (8) and having an outflow opening (9b) placed into the separating chamber (10), and a vacuum duct (11) connected to the suction unit (6) and in fluid communication with the separating chamber (10). The separating chamber (10) communicates with the vacuum duct (11) through a communication opening (12) arranged at least in part above the outflow opening (9b) relative to an upright position of the handheld suction cleaner.

IPC 8 full level
A47L 5/24 (2006.01)

CPC (source: EP)
A47L 1/05 (2013.01); **A47L 5/24** (2013.01); **A47L 7/0009** (2013.01)

Citation (search report)

- [A] DE 102011050697 A1 20121129 - LEIFHEIT AG [DE]
- [A] DE 202012101781 U1 20120626 - KAERCHER GMBH & CO KG ALFRED [DE]
- [A] KR 20100089995 A 20100813 - PARK CHEOL MIN [KR]

Cited by
CN107581967A; CN104706272A; CN105167714A; EP3763266A1; WO2018059679A1; EP3518720B1

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 2837316 A2 20150218; EP 2837316 A3 20180307; CN 104367266 A 20150225; CN 104367266 B 20181225

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