

Title (en)

Cleaning device with suction and compressed air

Title (de)

Reinigungsgerät mit Saug- und Druckluft

Title (fr)

Appareil de nettoyage avec air aspiré et comprimé

Publication

EP 2692270 A3 20180214 (DE)

Application

EP 13177165 A 20130719

Priority

DE 102012107051 A 20120801

Abstract (en)

[origin: EP2692270A2] The cleaning device (1) has suction unit that is provided with suction tube (3) whose opening (4) is guided over surface (5) to be cleaned so that dust particles on the surface enters through suction air inhaled via the opening. A compressed-air nozzle arrangement (7) is provided with compressed air channel (9) and compressed air nozzle (10). A compressed air flow output is superimposed at predetermined inclination angle in the region of opening via which suction air enters.

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] FR 2300535 A1 19760910 - DUPOYET GUY [FR]
- [X] EP 0686370 A1 19951213 - SCHOETTLE KG ELECTROSTAR [DE]
- [X] WO 02091898 A1 20021121 - SADAUNE DAVID [FR], et al
- [X] US 4649594 A 19870317 - GRAVE DALE L [US]
- [X] DE 1628776 A1 19710624 - BBC BROWN BOVERI & CIE

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 2692270 A2 20140205; EP 2692270 A3 20180214; DE 102012107051 A1 20140206; DE 102012107051 B4 20221110

DOCDB simple family (application)

EP 13177165 A 20130719; DE 102012107051 A 20120801