

Title (en)  
Vacuum cleaner nozzle

Title (de)  
Saugdüse eines Saugers

Title (fr)  
Suceur d'aspirateur

Publication  
**EP 2457481 B1 20140903 (FR)**

Application  
**EP 11306555 A 20111124**

Priority  
FR 1059817 A 20101126

Abstract (en)  
[origin: EP2457481A1] The dust cleaner suction device (1) has a bottom (2) defining a substantially triangular shape, and connection element (70) for connection to the suction pipe (7). The connection element of the tube is attached to the bottom. The bottom has multiple suction channels (20,201,202,203,204) which directly open to the cleaning surface.

IPC 8 full level  
**A47L 9/02** (2006.01); **A47L 9/24** (2006.01)

CPC (source: EP)  
**A47L 9/02** (2013.01); **A47L 9/242** (2013.01)

Cited by  
CN106175589A; CN106175588A; CN105996899A; CN106073634A; US11071424B2; US9681785B2

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

DOCDB simple family (publication)  
**DE 202011108345 U1 20120206**; CN 202497076 U 20121024; EP 2457481 A1 20120530; EP 2457481 B1 20140903; ES 2525261 T3 20141219; FR 2967883 A1 20120601; FR 2967883 B1 20130823; PT 2457481 E 20141212

DOCDB simple family (application)  
**DE 202011108345 U 20111125**; CN 201120476567 U 20111125; EP 11306555 A 20111124; ES 11306555 T 20111124; FR 1059817 A 20101126; PT 11306555 T 20111124