

Title (en)
Nozzle for floor vacuum cleaner

Title (de)
Saugdüse für Bodenstaubsauger

Title (fr)
Bas d'aspiration pour un aspirateur de sol

Publication
EP 2098150 A3 20110504 (DE)

Application
EP 09002921 A 20090302

Priority
DE 102008012889 A 20080306

Abstract (en)
[origin: EP2098150A2] The suction nozzle has a suction head (1) and a suction tube connecting piece (2), which is attached around an axis of rotation moving to the vacuum generator with a vacuum generator connected suction channel. A separately adjustable additional device (10) is provided for sucking dirt, with which a base stand (s) of more than 2 millimeter is adjusted between the floor spaces that have to be cleaned. A flow cross section of opening is changed in a front strip (5).

IPC 8 full level
A47L 9/02 (2006.01); **A47L 9/06** (2006.01)

CPC (source: EP)
A47L 9/02 (2013.01); **A47L 9/06** (2013.01); **A47L 9/0633** (2013.01); **A47L 9/0653** (2013.01); **A47L 9/066** (2013.01)

Citation (search report)

- [I] DE 102005061646 A1 20070628 - VORWERK CO INTERHOLDING [DE]
- [A] NL 7001640 A 19700810
- [AD] DE 29812377 U1 19981015 - WESSEL WERK GMBH [DE]
- [AD] DE 10201961 B4 20060427 - WESSEL WERK GMBH [DE]

Cited by
CN104780819A; CN104138238A; EP3248526A4; EP3656267A1; EP4062815A1; EP3434165A4; US11076732B2; US9826869B2; WO2015185139A1; WO2015121718A1; WO2014122219A1; DE102014115368A1; EP3108785A1; DE102015109975A1; WO2020169844A1

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 TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2098150 A2 20090909; EP 2098150 A3 20110504; EP 2098150 B1 20140219; CN 101524259 A 20090909; CN 101524259 B 20130403; DE 102008012889 A1 20090910; DE 102008012889 B4 20120419

DOCDB simple family (application)
EP 09002921 A 20090302; CN 200910007977 A 20090306; DE 102008012889 A 20080306