Title (en)
   Suction brush for vacuum cleaner

Title (de)
   Saugbürste für einen Staubsauger

Title (fr)
   Brosse aspirante d'aspirateur

Publication
   EP 1997413 A3 20150826 (EN)

Application
   EP 08101629 A 20080214

Priority
   KR 20070051370 A 20070528

Abstract (en)
   [origin: EP1997413A2] A suction brush for a vacuum cleaner includes blocking members mounted front and rear, to a brush body bottom surface to seal off the periphery of a suction inlet formed thereon and to generate a high suction force between a surface to be cleaned and the suction inlet during cleaning, wherein the front blocking member is pivotably mounted to the brush body when one end thereof is connected thereto, and includes blocking arms to maintain the high suction force between the suction inlet and the surface to be cleaned while being alternately brought into close contact therewith when the brush body moves forwards or backwards; and the first blocking arm includes a plurality of air suction apertures to restrict passage of air flowing into the suction inlet while the first blocking arm is in close contact with the surface to be cleaned when the brush body moves forwards.

IPC 8 full level
   A47L 9/06 (2006.01); **A47L 9/00** (2006.01)

CPC (source: EP KR US)
   A47L 9/009 (2013.01 - EP US); **A47L 9/02** (2013.01 - KR); **A47L 9/06** (2013.01 - EP KR US); **A47L 9/0653** (2013.01 - EP US);
   A47L 9/0666 (2013.01 - EP US)

Citation (search report)
   • [X] GB 855613 A 19601207 - HOOVER LTD
   • [X] JP H0819493 A 19960123 - SANYO ELECTRIC CO
   • [X] EP 0200957 A1 19861112 - SIEMENS AG [DE]

Cited by
   EP4056089A1; EP3025626A1; EP2105078A3

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
   AL BA MK RS

DOCDB simple family (publication)
   EP 1997413 A2 20081203; **EP 1997413 A3 20150826**; CN 101313830 A 20081203; JP 2008289852 A 20081204; KR 101369227 B1 20140305;
   KR 20080104504 A 20081203; RU 2008107147 A 20090910; RU 2370199 C1 20091020; US 2008295270 A1 20081204

DOCDB simple family (application)
   EP 08101629 A 20080214; CN 200810082620 A 20080227; JP 2008025888 A 20080206; KR 20070051370 A 20070528;
   RU 2008107147 A 20080228; US 97541307 A 20071019