

Title (en)

VACUUM CLEANING NOZZLE WITH A SUPPORTING WHEEL OR WITH A SLIDING PLATE

Publication

**EP 0125994 B1 19870916 (FR)**

Application

**EP 84400950 A 19840510**

Priority

FR 8308156 A 19830517

Abstract (en)

[origin: US4564972A] This nozzle attachment consists of a casing containing a fixed sole and a moving plate supporting a brush, a rocking nozzle pivotably mounted about a shaft in the casing, the internal conduit whereof opens onto a center duct in contact with said sole, a sleeve wherein is rotatably fitted a suction tube and which is pivotably supported by said rocking nozzle, the internal conduits of said sleeve and said tube being connected in an airtight manner with the conduit of said nozzle, and a floor bearing roller mounted in a freewheeling manner about a shaft supported by said rocking nozzle at the back of said casing. In accordance with the invention, said sleeve is pivotably mounted on said rocking nozzle about a shaft located between the nozzle's swiveling axis with respect to the casing and the centerline of the floor-contacting surface of the floor bearing part.

IPC 1-7

**A47L 9/02; A47L 9/06**

IPC 8 full level

**A47L 9/02** (2006.01)

CPC (source: EP US)

**A47L 9/02** (2013.01 - EP US)

Cited by

FR2593583A1; EP0235614A1; EP0552652A1; EP0304609A1; EP0307881A3; DE19602723C2; CN104095586A; CN104224043A; FR2727846A1; EP1020159A3; EP1180340A3; EP0898923A1; DE19738046A1; EP0353546A1; GB2444898A; EP0441320A1; AU2007337860B2; AU2007337858B2; KR101021161B1; US8272098B2; WO9209231A1; WO9417720A1; US8141203B2; US8720004B2; EP2433539A1; WO2008078063A1; WO2008078065A1; EP2433539B1

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