

Title (en)  
Vacuum cleaner rotating nozzle.

Title (de)  
Drehbare Saugdüse eines Staubsaugers.

Title (fr)  
Buse rotative pour aspirateur.

Publication  
**EP 0681807 A3 19960807 (EN)**

Application  
**EP 94120807 A 19941228**

Priority  
KR 19940010102 A 19940509

Abstract (en)  
[origin: EP0681807A2] A universal rotary suction head for a vacuum cleaner suitable for universally effectively used for cleaning of either a hard floor or of a soft-carpeted floor is disclosed. The suction head has a rotary cleaning plate and a stationary cleaning plate received in the center opening of the rotary cleaning plate. A cleaning condition control ring for selecting a cleaning condition of the suction head in accordance with conditions of a floor is placed on the stationary cleaning plate and vertically movable relative to the stationary cleaning plate, thus to make the bottom of the suction head contacting with or separated from the floor. The vertical position of the cleaning condition control ring relative to the stationary cleaning plate is controlled by the position control ring. An air guide panel for guiding dirt-laden air in the suction head to the auxiliary pipe is fixed to the top cover. The top cover covers the top of the suction head. <IMAGE>

IPC 1-7  
**A47L 9/04**

IPC 8 full level  
**A47L 9/04** (2006.01); **A47L 11/20** (2006.01)

CPC (source: EP KR)  
**A47L 9/04** (2013.01 - KR); **A47L 9/0472** (2013.01 - EP)

Citation (search report)  
• [A] US 4589161 A 19860520 - KOCHTE WERNER W [US], et al  
• [A] US 3813726 A 19740604 - KOWALEWSKI J  
• [A] DE 3517680 A1 19851219 - PETERSEN GEORG VILHELM

Cited by  
ES2228191A1

Designated contracting state (EPC)  
BE CH DE LI SE

DOCDB simple family (publication)  
**EP 0681807 A2 19951115; EP 0681807 A3 19960807**; CN 1121797 A 19960508; JP 2644691 B2 19970825; JP H07299015 A 19951114; KR 950030965 A 19951218; KR 960008835 B1 19960705; TW 262378 B 19951111

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**EP 94120807 A 19941228**; CN 95101924 A 19950210; JP 392595 A 19950113; KR 19940010102 A 19940509; TW 83112246 A 19941228