

Title (en)  
Vacuum cleaner having a steam jetting apparatus.

Title (de)  
Staubsauger mit einem Dampfinjektionsgerät.

Title (fr)  
Aspirateur avec dispositif émetteur de vapeur.

Publication  
**EP 0684006 A1 19951129 (EN)**

Application  
**EP 95303412 A 19950522**

Priority  
KR 19940011400 A 19940525

Abstract (en)  
This invention provides a canister type vacuum cleaner on which a steam jetting apparatus of compact construction is mounted so as to perform steam-jetting cleaning with ease as well as vacuum cleaning. The steam jetting apparatus according to this invention comprises a water container, a transfer pump, a heater, and a steam tube having a plurality of steam-jetting nozzles on its end portion. The water container, transfer pump and heater are combined in an assembly. The assembly is attached to the lower portion of the suction pipe connecting the cleaner body to the brush, or is disposed in the interior of the brush. The steam tube and a cloth roller are also mounted in the interior of the brush for jetting the steam to the bottom floor of a room being cleaned and absorbing the water on the bottom, respectively.

IPC 1-7  
**A47L 11/34**

IPC 8 full level  
**A47L 7/00** (2006.01); **A47L 11/204** (2006.01); **A47L 11/28** (2006.01); **A47L 11/34** (2006.01); **B08B 3/02** (2006.01)

CPC (source: EP KR)  
**A47L 7/0061** (2013.01 - KR); **A47L 11/34** (2013.01 - EP); **A47L 11/4044** (2013.01 - EP); **A47L 11/4086** (2013.01 - EP KR)

Citation (search report)  
• [PX] GB 2276811 A 19941012 - GOLD STAR CO [KR]  
• [Y] EP 0253910 A1 19880127 - ELWATT SRL [IT]  
• [Y] EP 0182754 A1 19860528 - CAVALLI ALFREDO  
• [A] FR 2031395 A1 19701120 - ELECTROLUX AB [SE]  
• [A] DE 2615501 A1 19771020 - WENDNER WILHELM  
• [PA] FR 2704741 A1 19941110 - BLAIRON MICHEL [FR]  
• [PA] EP 0625331 A1 19941123 - SAMSUNG ELECTRONICS CO LTD [KR]  
• [A] PATENT ABSTRACTS OF JAPAN vol. 14, no. 275 (C - 0728) 14 June 1990 (1990-06-14)

Cited by  
CN102860793A; CN102860794A; EP1407705A3; EP1027855A3; DE102009018716B4; ES2230977A1; DE10244441B4; GB2385781B; ES2235580A1; DE10250389B4; ES2246616A1; ITBO20100759A1; US6886214B2; US6848145B2; WO2008028755A1; WO2006032991A3; WO2006005373A1; WO2004073478A1; EP1321708A2; EP1936266A2; US8353074B2; US8607404B2; US8677552B2

Designated contracting state (EPC)  
DE FR GB IT

DOCDB simple family (publication)  
**EP 0684006 A1 19951129; EP 0684006 B1 19980722**; CN 1123126 A 19960529; DE 69503567 D1 19980827; DE 69503567 T2 19990311; JP 2637060 B2 19970806; JP H08150104 A 19960611; KR 100194379 B1 19990615; KR 950030962 A 19951218; RU 2091053 C1 19970927; RU 95108227 A 19961227

DOCDB simple family (application)  
**EP 95303412 A 19950522**; CN 95106693 A 19950525; DE 69503567 T 19950522; JP 12332495 A 19950523; KR 19940011400 A 19940525; RU 95108227 A 19950523