

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 B1 19980722 (EN)

Application

EP 95303412 A 19950522

Priority

KR 19940011400 A 19940525

Abstract (en)

[origin: EP0684006A1] 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)

Cited by

EP1407705A3; CN102860793A; CN102860794A; DE10250389B4; ES2246616A1; ITBO20100759A1; EP1027855A3; DE102009018716B4; GB2385781B; ES2235580A1; ES2230977A1; DE1024441B4; US6848145B2; WO2006032991A3; WO2008028755A1; WO2004073478A1; WO2006005373A1; EP1321708A2; EP1936266A2; US6886214B2; 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