

Title (en)
Multifunctional cleaning device

Title (de)
Multifunktionale Reinigungsmaschine

Title (fr)
Appareil nettoyage multifonctionnel

Publication
EP 1652461 A2 20060503 (EN)

Application
EP 05104302 A 20050520

Priority

- EP 04425807 A 20041028
- EP 05104302 A 20050520

Abstract (en)
A multifunctional cleaning machine comprises a handle (7) having a first end (7a) provided with a handgrip (8), a base (2) fastened to a second end (7b) of the handle (7) and provided with at least one main suction opening (4), suction means (9) in fluid communication with the main suction opening (4), a steam-producing boiler (15) positioned in the base (2) and connected with at least one aperture (16) placed on the active portion (3). An auxiliary suction opening (33) positioned within the base (2) operates on a rotating brush (30) mounted close to the main suction opening (4). A selective-closure device (34) operates along a common suction duct (55) terminating at the main suction opening (4) and the auxiliary suction opening (33).

IPC 8 full level
A47L 1/02 (2006.01); **A47L 5/30** (2006.01); **A47L 9/00** (2006.01); **A47L 9/04** (2006.01); **A47L 11/34** (2006.01)

CPC (source: EP)
A47L 9/0416 (2013.01); **A47L 11/34** (2013.01); **A47L 11/4016** (2013.01); **A47L 11/4083** (2013.01)

Cited by
CN108402989A; CN115299815A; GB2469454A; GB2469454B; CN106466149A; WO2013079515A1; WO2008121034A1; US8528158B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR LV MK YU

DOCDB simple family (publication)
EP 1652461 A2 20060503; EP 1652461 A3 20070214

DOCDB simple family (application)
EP 05104302 A 20050520