

Title (en)

MOVING STAIRWAY OR SIDEWALK CLEANING DEVICE

Title (de)

ROLLTREPPEN- UND FAHRSTEIG-REINIGUNGSGERÄT

Title (fr)

APPAREIL DE NETTOYAGE D'ESCALIER ROULANT ET DE TROTTOIR ROULANT

Publication

EP 1267696 A2 20030102 (DE)

Application

EP 01931552 A 20010329

Priority

- DE 10016287 A 20000331
- EP 0103612 W 20010329

Abstract (en)

[origin: WO0172196A2] The invention relates to an improved cleaning device for moving stairways or sidewalks that is characterized in that it comprises in addition to its cleaning head (7) an off-set support leg (13). The cleaning device is further provided with a gripper, guide, steering and/or control device (3) that comes to rest above the support (16) of the support leg (13), and/or the cleaning head can be swiveled by 180 DEG with respect to its operative position and/or the cleaning device is further provided with a strip-shaped broom device (41) that has the function of a sealing strip for a suction strip (23).

[origin: WO0172196A2] The invention relates to a cleaning device that is characterized by the following features: the cleaning device comprises a cleaning head (7) with a revolving broom system (7) with glide and/or roller means; the cleaning device, in addition to its cleaning head (7), comprises an off-set support leg (13); the cleaning device is further provided with a gripper, guide, steering and/or control device (3) that comes to rest above the support (16) of the support leg (13); and/or the cleaning head can be swiveled by 180 DEG with respect to its operative position and/or the cleaning device is further provided with a strip-shaped broom device (41) that has the function of a sealing strip for a suction strip (23).

IPC 1-7

A47L 9/00; **A47L 5/30**; **A47L 11/40**; **A47L 11/20**; **A47L 11/282**

IPC 8 full level

A47L 11/204 (2006.01); **A47L 5/30** (2006.01); **A47L 9/00** (2006.01); **A47L 11/20** (2006.01); **A47L 11/282** (2006.01); **A47L 11/40** (2006.01); **B66B 31/00** (2006.01)

CPC (source: EP US)

A47L 5/30 (2013.01 - EP US); **A47L 9/00** (2013.01 - EP US); **A47L 11/20** (2013.01 - EP US); **A47L 11/282** (2013.01 - EP US); **A47L 11/4075** (2013.01 - EP US); **B66B 31/003** (2013.01 - EP US)

Citation (search report)

See references of WO 0172196A2

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0172196 A2 20011004; **WO 0172196 A3 20020411**; DE 10016287 A1 20011004; EP 1267696 A2 20030102; JP 2003528661 A 20030930; US 2003101536 A1 20030605

DOCDB simple family (application)

EP 0103612 W 20010329; DE 10016287 A 20000331; EP 01931552 A 20010329; JP 2001570160 A 20010329; US 24019202 A 20020930