

Title (en)

DEVICE FOR EJECTING A LIQUID FROM A WIPING ELEMENT

Title (de)

VORRICHTUNG ZUM AUSSCHLEUDERN VON FLÜSSIGKEIT AUS EINEM WISCHKÖRPER

Title (fr)

DISPOSITIF POUR EJECTER UN LIQUIDE A PARTIR D'UN CORPS D'ESSUYAGE

Publication

EP 1507471 B1 20061213 (DE)

Application

EP 03755094 A 20030507

Priority

- DE 10223074 A 20020524
- EP 0304775 W 20030507

Abstract (en)

[origin: WO03099095A1] The invention relates to a device for ejecting a liquid from a wiping element (14) which is mounted on a wiping head (13) of a surface-cleaning apparatus (10) so as to form a wiping surface (15). The inventive device comprises a container (21) inside which a holding device (45) receiving the wiping element (14) and a drive unit are arranged. Said holding device (45) is rotatably driven around an axis of rotation by means of the drive unit (34). In order to further develop the inventive device in such a way that said device uses less energy, a seat (49) is configured on the holding device (45) receiving the wiping element (14). The wiping element (14) can be inserted into said seat (49) such that the normal (16) to the wiping surface (15) is placed at an angle to the axis of rotation(55).

IPC 8 full level

A47L 13/58 (2006.01)

CPC (source: EP US)

A47L 13/58 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03099095 A1 20031204; AT E347846 T1 20070115; AU 2003232733 A1 20031212; CN 1298281 C 20070207; CN 1655715 A 20050817; DE 10223074 C1 20030814; DK 1507471 T3 20070312; EP 1507471 A1 20050223; EP 1507471 B1 20061213; ES 2279151 T3 20070816; PT 1507471 E 20070131; US 2005115098 A1 20050602; US 7171720 B2 20070206

DOCDB simple family (application)

EP 0304775 W 20030507; AT 03755094 T 20030507; AU 2003232733 A 20030507; CN 03811920 A 20030507; DE 10223074 A 20020524; DK 03755094 T 20030507; EP 03755094 A 20030507; ES 03755094 T 20030507; PT 03755094 T 20030507; US 98990304 A 20041115