

Title (en)

WIPING DEVICE FOR WIPING SURFACES TO BE CLEANED

Title (de)

WISCHVORRICHTUNG ZUM WISCHEN VON ZU REINIGENDEN FLÄCHEN

Title (fr)

DISPOSITIF DE BALAYAGE A PASSER SUR DES SURFACES A NETTOYER

Publication

EP 1420679 A1 20040526 (DE)

Application

EP 02776937 A 20020822

Priority

- DE 10142084 A 20010830
- EP 0209371 W 20020822

Abstract (en)

[origin: WO03020100A1] The invention relates to a wiping device for wiping surfaces to be cleaned, especially floor surfaces, comprising a plate-type or frame-type wiping element holder (1), preferably in an essentially long, rectangular form, and a wiping element (4) consisting of textile material or the like, which is adapted and fixed to the wiping element holder (1). Said wiping element (4) respectively comprises, on the upper side facing the wiping element holder (1), close to the two opposing sides, and close to the narrow sides in the long, rectangular form, a narrow fixing strip (5) which is only applied with its ends to the wiping element (5). Said fixing strip extends approximately transversally on the wiping element holder (1) when the wiping element (4) is fixed to the same (1). Position fixing arrangements are provided on the wiping element holder (1), where the fixing strips (5) should extend when the wiping element is fixed (4). The fixing strips (5) especially consist of textile material or the like and are sewn at the ends thereof to the wiping element (4). The position fixing arrangements (7) are especially embodied as edge recesses starting from the ends, in which the fixing strips (5) are placed in the correct position.

IPC 1-7

A47L 13/20; **A47L 13/253**

IPC 8 full level

A47L 13/20 (2006.01); **A47L 13/24** (2006.01)

CPC (source: EP US)

A47L 13/20 (2013.01 - EP US); **A47L 13/24** (2013.01 - EP US)

Citation (search report)

See references of WO 03020100A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

WO 03020100 A1 20030313; AT E433701 T1 20090715; DE 10142084 C1 20030710; DE 50213620 D1 20090730; EP 1420679 A1 20040526; EP 1420679 B1 20090617; PL 200065 B1 20081231; PL 367735 A1 20050307; US 2005044649 A1 20050303; US 2005120499 A1 20050609; US 7743453 B2 20100629

DOCDB simple family (application)

EP 0209371 W 20020822; AT 02776937 T 20020822; DE 10142084 A 20010830; DE 50213620 T 20020822; EP 02776937 A 20020822; PL 36773502 A 20020822; US 48760504 A 20040802; US 86069704 A 20040603