

Title (en)

CLEANING DEVICE WITH A CLEANING PORTION COMPRISING AN ADHESIVE SURFACE AND A CLEANING CLOTH SURFACE

Title (de)

REINIGUNGSVORRICHTUNG MIT EINEM REINIGUNGSABSCHNITT, UMFASSEND EINE KLEBEFLÄCHE UND EINE REINIGUNGSTUCHFLÄCHE

Title (fr)

DISPOSITIF DE NETTOYAGE AVEC UNE PARTIE DE NETTOYAGE COMPRENANT UNE SURFACE ADHESIVE ET UNE SURFACE DE TISSU NETTOYANT

Publication

EP 1345523 B1 20050413 (EN)

Application

EP 01995873 A 20011116

Priority

- JP 2000365737 A 20001130
- US 0143514 W 20011116

Abstract (en)

[origin: WO0243555A1] In a cleaning device (9) comprising a cleaning portion (10) having a cleaning surface (13) and an opposing surface opposite the cleaning surface (13), a support arm (11) having a handle portion (16), and a pivot (12) for pivotally supporting the support arm (11) on the opposing surface, the cleaning surface (13) of the cleaning portion (16) comprises an adhesive surface (17) and a cleaning cloth surface (18), and wherein the adhesive surface (17) and the cleaning cloth surface (18) can individually come into surface contact with a surface to be cleaned, and a stopper (19) for restricting movement of the handle portion (16) relative to the pivot (12), wherein the cleaning cloth surface (18) can contact wherein the surface to be cleaned when the support arm (11) is tilted within a predetermined angle range relative to the surface having the pivot (12), and the adhesive surface (17) can contact the surface to be cleaned when the support arm (11) is tilted beyond the predetermined angle range relative to the surface having the pivot (12).

IPC 1-7

A47L 13/20; **A47L 13/12**; **A47L 25/00**

IPC 8 full level

A47L 13/12 (2006.01); **A47L 13/16** (2006.01); **A47L 13/20** (2006.01); **A47L 13/24** (2006.01); **A47L 13/256** (2006.01); **A47L 25/00** (2006.01)

CPC (source: EP)

A47L 13/12 (2013.01); **A47L 13/16** (2013.01); **A47L 13/20** (2013.01); **A47L 13/24** (2013.01); **A47L 25/005** (2013.01)

Cited by

US8464389B2

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 0243555 A1 20020606; AT E292928 T1 20050415; AU 2692302 A 20020611; BR 0115802 A 20040225; CA 2430283 A1 20020606; CN 1235537 C 20060111; CN 1486155 A 20040331; DE 60110116 D1 20050519; DE 60110116 T2 20060420; EP 1345523 A1 20030924; EP 1345523 B1 20050413; ES 2238504 T3 20050901; JP 2002165740 A 20020611; JP 2004527269 A 20040909; JP 4018539 B2 20071205; MX PA03004867 A 20040504

DOCDB simple family (application)

US 0143514 W 20011116; AT 01995873 T 20011116; AU 2692302 A 20011116; BR 0115802 A 20011116; CA 2430283 A 20011116; CN 01821822 A 20011116; DE 60110116 T 20011116; EP 01995873 A 20011116; ES 01995873 T 20011116; JP 2000365737 A 20001130; JP 2002545542 A 20011116; MX PA03004867 A 20011116