

Title (en)

WIPING MATERIAL DISPENSER APPARATUS

Title (de)

AUFWISCHMATERIALSPENDER

Title (fr)

APPAREIL DISTRIBUTEUR DE MATERIAU D'ESSUYAGE

Publication

EP 1411808 B1 20090107 (FR)

Application

EP 02747540 A 20020620

Priority

- FR 0202129 W 20020620
- FR 0110560 A 20010803

Abstract (en)

[origin: US2004188486A1] Wiping material dispenser apparatus comprises a basic housing that receives an articulated cover and a cartridge comprising two transverse flanges. An upper part of the flanges receives a roll of material and a lower part thereof receives a first blade-holder drum and a second return drum, the drums receiving crown wheels for the connection thereof. The return drum receives a third crown wheel that co-operates with the drum rotation actuation mechanism comprising a fixed cam. The blade-holder arm is provided with transmission means that involve the use of a mobile cam which actuates the cutting blade. The fixed and mobile cams co-operate with one another, defining the trajectory of the cutting blade.

IPC 8 full level

A47K 10/36 (2006.01)

CPC (source: EP US)

A47K 10/3643 (2013.01 - EP US); **A47K 2010/365** (2013.01 - EP US); **Y10T 83/4798** (2015.04 - EP US); **Y10T 83/4812** (2015.04 - EP US); **Y10T 83/4827** (2015.04 - EP US); **Y10T 83/4836** (2015.04 - EP US); **Y10T 83/896** (2015.04 - EP US); **Y10T 225/12** (2015.04 - EP US); **Y10T 225/211** (2015.04 - EP US); **Y10T 225/30** (2015.04 - EP US); **Y10T 225/321** (2015.04 - EP US)

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)

US 2004188486 A1 20040930; US 7234381 B2 20070626; AT E419775 T1 20090115; AU 2002317933 B2 20080501; BR 0211627 A 20040824; CN 100477950 C 20090415; CN 1551739 A 20041201; CO 5560527 A2 20050930; DE 60230765 D1 20090226; EP 1411808 A1 20040428; EP 1411808 B1 20090107; ES 2316580 T3 20090416; FR 2828084 A1 20030207; FR 2828084 B1 20031017; HU P0401356 A2 20040928; MX PA04001061 A 20040520; PL 199421 B1 20080930; PL 368310 A1 20050321; RU 2004106159 A 20050310; RU 2283610 C2 20060920; SK 732004 A3 20040707; WO 03013332 A1 20030220

DOCDB simple family (application)

US 76650904 A 20040128; AT 02747540 T 20020620; AU 2002317933 A 20020620; BR 0211627 A 20020620; CN 02817463 A 20020620; CO 04008362 A 20040203; DE 60230765 T 20020620; EP 02747540 A 20020620; ES 02747540 T 20020620; FR 0110560 A 20010803; FR 0202129 W 20020620; HU P0401356 A 20020620; MX PA04001061 A 20020620; PL 36831002 A 20020620; RU 2004106159 A 20020620; SK 732004 A 20020620