

Title (en)

Device and method for applying a treatment agent to a surface

Title (de)

Vorrichtung und Methode für das Aufbringen einer Behandlungsmittels auf eine Oberfläche

Title (fr)

Dispositif et méthode pour appliquer un agent de traitement à une surface

Publication

EP 1714712 A1 20061025 (EN)

Application

EP 05008725 A 20050421

Priority

EP 05008725 A 20050421

Abstract (en)

A device for treating a surface to give a cleaning benefit comprises one or more containers (402) containing cleaning liquid. When the actuator (416) is depressed cleaning liquid is delivered to an outlet zone (406) located over a stain, where it forms a gel patch. Continued depression of the actuator means causes a piston 436 to press the gel patch against the surface, caused improved absorption of the stain, into the patch. The gel patch can then be peeled away, to remove the stain.

IPC 8 full level

B08B 3/04 (2006.01)

CPC (source: EP US)

B08B 1/00 (2013.01 - EP US); **B08B 3/04** (2013.01 - EP US); **B08B 3/10** (2013.01 - EP US); **D06L 1/00** (2013.01 - EP US); **D06L 4/00** (2017.01 - EP US); **D06L 4/10** (2017.01 - EP US)

Citation (search report)

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- [X] DE 2113451 A1 19711021 - RICOH KK
- [A] US 2002077266 A1 20020620 - GABRIEL FLOR GUTIERREZ [JP], et al
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 057 (C - 0684) 2 February 1990 (1990-02-02)
- [X] PATENT ABSTRACTS OF JAPAN vol. 014, no. 090 (C - 0691) 20 February 1990 (1990-02-20)

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Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA HR LV MK YU

DOCDB simple family (publication)

EP 1714712 A1 20061025; EP 1714712 B1 20090218; AT E422973 T1 20090315; DE 602005012802 D1 20090402; ES 2321003 T3 20090601; US 2009038082 A1 20090212; WO 2006111754 A1 20061026

DOCDB simple family (application)

EP 05008725 A 20050421; AT 05008725 T 20050421; DE 602005012802 T 20050421; ES 05008725 T 20050421; GB 2006001444 W 20060420; US 91144306 A 20060420