

Title (en)

DEVICE FOR MOISTENING TOILET PAPER

Title (de)

VORRICHTUNG ZUM BEFEUCHTEN VON TOILETTENPAPIER

Title (fr)

DISPOSITIF D'HUMIDIFICATION DE PAPIER HYGIENIQUE

Publication

EP 1283686 A1 20030219 (DE)

Application

EP 01943082 A 20010515

Priority

- DE 0101843 W 20010515
- DE 10026118 A 20000526

Abstract (en)

[origin: WO0189353A1] The invention relates to a device (50) for moistening fluid-absorbing media for body-hygiene and similar, with a system reservoir (5), in which the fluid for moistening is stored and a stroke valve unit (5a), arranged on the system reservoir (5). Said device is characterised in that a distribution unit (2) is detachably mounted on the valve unit (5a), coupled to the stroke movement of the valve unit (5a) and comprising a distribution plate (2b) and a capillary unit (3), arranged on the distribution plate (2a). A recess (14) is provided in the floor of the distribution plate (2b), within which the nozzle (20) of the valve unit (5a) is arranged and within which the medium for moistening may be applied to the capillary unit (3), on carrying out the stroke movement, whereby the capillary unit (3) is formed such that the moistening agent dispensed with the stroke movement is at least partly absorbed due to capillary effects and the absorbed medium is transferred to the applied fluid-absorbing medium.

IPC 1-7

A47K 10/32

IPC 8 full level

A47K 10/32 (2006.01)

CPC (source: EP US)

A47K 10/32 (2013.01 - EP US); **A47K 2010/328** (2013.01 - EP US)

Citation (search report)

See references of WO 0189353A1

Cited by

WO2011015190A2

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 0189353 A1 20011129; AT E421276 T1 20090215; DE 10026118 A1 20011206; DE 10026118 C2 20021128; DE 50114673 D1 20090312; EP 1283686 A1 20030219; EP 1283686 B1 20090121; ES 2321279 T3 20090604; US 2003132314 A1 20030717; US 7037020 B2 20060502

DOCDB simple family (application)

DE 0101843 W 20010515; AT 01943082 T 20010515; DE 10026118 A 20000526; DE 50114673 T 20010515; EP 01943082 A 20010515; ES 01943082 T 20010515; US 29677602 A 20021126