

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 B1 20090121 (DE)**

Application  
**EP 01943082 A 20010515**

Priority  
• DE 0101843 W 20010515  
• DE 10026118 A 20000526

Abstract (en)  
[origin: US7037020B2] A device for moistening fluid-absorbing media for body-hygiene or care, such as toilet paper, cotton balls, cleaning tissues, cotton pads, and fleece, includes a system reservoir for storing fluid for moistening the media and a stroke valve unit attached to the system reservoir, which gives off liquid or a liquid mist by its nozzle. A detachable distribution unit is attached to the valve unit and includes a distribution plate or funnel unit with a capillary unit. The nozzle is positioned in a recess in the bottom of the distribution plate or funnel unit. The fluid-absorbing media is placed on the capillary unit to initiate a stroke movement of the valve unit, whereby the liquid or liquid mist released through the stroke movement is at least partially taken up by the distribution unit through a capillary effect. The liquid or liquid mist then passes from the distribution unit to the fluid-absorbing media via the "blotting-paper" principle.

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)

Cited by  
WO2011015190A2

Designated contracting state (EPC)  
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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

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