

Title (en)  
DOCTOR BLADE DEVICE

Title (de)  
RAKELVORRICHTUNG

Title (fr)  
DISPOSITIF RACLEUR

Publication  
**EP 2158044 A1 20100303 (DE)**

Application  
**EP 08760213 A 20080529**

Priority  
• EP 2008056622 W 20080529  
• DE 102007027817 A 20070613

Abstract (en)  
[origin: WO2008151943A1] The invention relates to a doctor blade device for dosing and/or equalizing a liquid to paste-like application medium (7) applied to a transfer element (2), wherein the transfer element (2), for example, an application roller (3) or a continuous belt, transfers the application medium (7) to a paper, cardboard, or other fibrous material web (10) tangential to the transfer element (2), having a doctor blade holder (5) clamped in a fastener (4), the doctor blade holder having a groove (5.3) in which the rotating, cylindrical doctor bar (6) is accommodated, wherein the doctor blade holder (5), and therefore the doctor bar (6), is placed and/or pressed against the transfer element (2). The invention provides for a vaporization unit (11) to be provided, by means of which vapor steam jets (12) can be selectively directed to the exterior circumference (6.1) of the doctor bar (6) or to the surface (5.6) of the doctor blade holder (5), thus avoiding the so-called bar sputtering (8) and deposits (9) of the application medium (7) on the doctor blade holder (5).

IPC 8 full level  
**B05C 11/02** (2006.01); **B05C 11/06** (2006.01)

CPC (source: EP)  
**B05C 11/025** (2013.01); **B05C 11/06** (2013.01)

Citation (search report)  
See references of WO 2008151943A1

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**DE 102007027817 A1 20081218**; EP 2158044 A1 20100303; JP 3165023 U 20110106; WO 2008151943 A1 20081218

DOCDB simple family (application)  
**DE 102007027817 A 20070613**; EP 08760213 A 20080529; EP 2008056622 W 20080529; JP 2010600020 U 20080529