

Title (en)

DEVICE FOR APPLYING A HOMOGENEOUSLY THICK LIQUID LAYER OVER THE WORKING WIDTH OF A MATERIAL WEB

Title (de)

VORRICHTUNG ZUM AUFBRINGEN EINER BER DIE ARBEITSBREITE GLEICHMÄSSIG DICKEN FLÜSSIGKEITSSCHICHT AUF EINE WARENBAHN

Title (fr)

DISPOSITIF D'APPLICATION D'UNE COUCHE DE LIQUIDE SUR UNE BANDE DE MATERIAU AVEC EPAISSEUR UNIFORME SUR LA LARGEUR DE TRAVAIL

Publication

**EP 1567706 A1 20050831 (DE)**

Application

**EP 03811782 A 20031120**

Priority

- DE 10254793 A 20021122
- EP 0350857 W 20031120

Abstract (en)

[origin: WO2004048671A1] In paint application devices which operate according to the infusion principle, the liquid flowing over an overflow weir is retained in an upstream liquid reservoir. Said liquid then flows over the overflow weir and over the subsequent guiding surface. In the event of high application quantities of 50 L/m/Min and more, there is a risk that the liquid layer may detach itself from the guiding surface in the region of the overflow weir. Said overflow weir is thus enveloped over the working width, a height-adjustable deviation block with a downwardly pointing edge determining the volume running over the guiding surface.

IPC 1-7

**D06B 1/06**; **B05C 5/00**

IPC 8 full level

**B05C 5/00** (2006.01); **D06B 1/06** (2006.01)

CPC (source: EP US)

**B05C 5/008** (2013.01 - EP US); **D06B 1/06** (2013.01 - EP US); **Y10S 118/04** (2013.01 - EP)

Citation (search report)

See references of WO 2004048671A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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