

Title (en)

A method and apparatus for applying coatings, for instance for sanitary products

Title (de)

Beschichtungsverfahren und -vorrichtung, zum Beispiel für Sanitärprodukten

Title (fr)

Méthode et appareil d'application de revêtement, par exemple pour des produits sanitaires

Publication

EP 1468750 A1 20041020 (EN)

Application

EP 03008995 A 20030417

Priority

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Abstract (en)

A process for applying a coating (M) of a material onto a web (W) includes the step of providing a source (6) of the material to be coated in the fluid state. The source includes one or more output nozzles (11) for emitting the coating material in the fluid state in a first direction (X1). A drive unit produces a relative movement of the output nozzle (11) with respect to the web (W), such a movement taking place in a second direction (X2). The first (X1) and second (X2) directions form an angle (α) therebetween of less than 45 DEG , and preferably about 5 DEG . The web is preferably kept flat and extending in the second direction (X2) at the region where the coating material (M) is applied onto the web (W) and the output nozzle (11) is positioned with respect to the web (W) in such a way that, in travelling from the nozzle (11) to the surface of the web W being coated, the coating material (M) follows a free path over a given distance (d). <IMAGE>

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CPC (source: EP)

B05C 5/0245 (2013.01); **B05C 5/0254** (2013.01); **B05C 5/0295** (2013.01)

Citation (search report)

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- [A] DE 19905318 A1 20000810 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 014, no. 582 (C - 0792) 26 December 1990 (1990-12-26)

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