

Title (en)

Apparatus for applying directly a fluid or pasty material onto a moving web, especially of paper or paperboard

Title (de)

Auftragwerk zum direkten Auftragen eines flüssigen oder pastösen Mediums auf eine laufende Materialbahn, insbesondere aus Papier oder Karton

Title (fr)

Dispositif pour l'application directe d'une substance fluide ou pâteuse sur une bande en mouvement, particulièrement de papier ou carton

Publication

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Application

EP 97109654 A 19970613

Priority

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Abstract (en)

[origin: US6022591A] An applicator implement applies liquid or pasty coating medium directly onto a moving layer of material, in particular paper or cardboard. The applicator implement includes a pre-metering device which extends along the width of the moving material layer. The pre-metering device is divided into a number of segments, each of which are in turn associated with at least one actuator that enables the segments to move with respect to the thickness of the material layer in order to shape a desired profile of the pre-metering device. The applicator implement further includes, following along the path of movement of the material layer, a finishing metering device which also extends along the width of the moving material layer, and which is divided into a number of segments, each of which are in turn associated with at least one actuator that enables the segments to move with respect to the thickness of the material layer in order to shape a desired profile of the finishing metering device. The widths of the segments of the pre-metering device and the finishing metering device are identical according to a first embodiment or first base model. According to a second embodiment or second base model, the widths of the segments of the pre-metering device and the finishing metering device are not identical.

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D21H 23/34

IPC 8 full level

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Citation (search report)

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