

Title (en)

Method and apparatus for pattern coating of a flexible sheet material.

Title (de)

Verfahren und Vorrichtung zum rasterförmigen Beschichten von flexiblen Flächengebilden und deren Fertigungsprodukte.

Title (fr)

Procédé et installation pour revêtir des surfaces flexibles selon un motif.

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Application

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Priority

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Abstract (en)

[origin: CA2001705A1] The invention relates to a method and device for forming grid-like coatings on web-like flexible planar structures with fusion adhesives in the powder gravure method by spreading fusion adhesive powder in the depressions of a rotating gravure roller (1) and transferring the gravure powder fillings onto the planar structure (8) with the use of a rotating heater roller (5) pressed onto the gravure roller. The invention is based on the object of so configuring a method and a device of this type that without additional expenditure they prevent the necessity for using additional web-like carrier strips for transferring the raster-like coating from the gravure roller onto the surface construction finally to be coated. For this purpose, the powder fillings in the depressions of the gravure roller are first transferred to the surface of the heater roller (5) pressed directly and forcibly onto this roller (1) and from here are transferred with use of a further rotating roller (9), pressed onto the heater roller with slight pressure, onto the planar structure guided between this and the heater roller.

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