

Title (en)

Coating device for a travelling web of paper or cardboard

Title (de)

Streicheinrichtung für laufende Bahnen aus Papier oder Karton

Title (fr)

Dispositif d'enduction pour une bande en mouvement de papier ou carton

Publication

EP 0622492 B1 19970129 (DE)

Application

EP 94105841 A 19940415

Priority

DE 4313889 A 19930428

Abstract (en)

[origin: US5453128A] An arrangement for dosing with a blade, in coating machines or similar, onto a running web of paper or cardboard carried by a roll in or with the arrangement. The blade is forced by means of a hold-down or several hold-down sections on the roll respectively the web. A transmitter transmits light, notably laser light. The blade features in the area between the contact line of the hold-down on it, and its contact line on the roll respectively the web, on its side away from the roll, at least one light-reflecting layer for reflection of the light ray directed by the transmitter at the layer. A receiver registers the position or angle of the ray reflected upon it by the light-reflecting layer of the blade. A controller is provided for controlling, dependent on the position signal of the receiver for the reflected light ray, the angular position of the blade, notably in its area between the contact line of the hold-down or the hold-down section and the roll.

IPC 1-7

D21H 23/34; **B05C 11/04**

IPC 8 full level

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CPC (source: EP US)

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AT DE SE

DOCDB simple family (publication)

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