

Title (en)  
APPLICATION DEVICE AND PROCESS

Title (de)  
AUFTRAGSVORRICHTUNG UND VERFAHREN

Title (fr)  
DISPOSITIF D'APPLICATION ET PROCEDE

Publication  
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Abstract (en)  
[origin: WO0168982A1] The invention relates to a device (10) for directly or indirectly applying liquid or pasty application medium (16) to one or both sides of a material web (20) made of, in particular, paper or paperboard. The device comprises an application mechanism (12) which delivers the application medium (16) in the form of a free application medium stream (18) onto the material web (20). To this end, a device (30) for generating an electric field is provided in the vicinity of the application mechanism (12). Said electric field exerts a force onto the application medium stream (18), which is moving from the application mechanism (12) to the material web (20), while assisting the movement of said application stream (18). In addition or alternatively, edge guiding elements can be provided which guide the lateral edges of the application medium curtain (18) at least along a portion of the gravity-related movement thereof.

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