

Title (en)  
ULTRASONICALLY ASSISTED COATING APPARATUS AND METHOD

Title (de)  
ULTRASCHALLUNTERSTÜTZTE BESCHICHTUNGSVORRICHTUNG UND -VERFAHREN

Title (fr)  
PROCEDE ET APPAREIL D'APPLICATION DE REVETEMENT ASSISTES PAR ULTRASONS

Publication  
**EP 0608265 B1 19960717 (EN)**

Application  
**EP 92920236 A 19920909**

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Abstract (en)  
[origin: WO9307969A1] An ultrasonically assisted coating apparatus (10', 26', 36', 44', 50', 60') and method for applying a smooth layer of coating material (18) on a surface of a moving web (16) are disclosed. A coating material (18) is applied onto one web (16) surface. An ultrasonic energy generator (20, 22, 40) excites the line of initial contact between the coating material (18) and the web (16) at a uniform ultrasonic intensity selected in combination with the properties of the coating material (18). The coated web (16) has a thin, uniform crossweb thickness with low thickness variations.

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