

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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**WO 9307969 A1 19930429**; AU 2642592 A 19930521; AU 663116 B2 19950928; BR 9206633 A 19951107; CA 2116962 A1 19930429; CZ 67094 A3 19940713; DE 69212329 D1 19960822; DE 69212329 T2 19970306; EP 0608265 A1 19940803; EP 0608265 B1 19960717; HU 9401022 D0 19940728; HU T68044 A 19950529; JP 3302016 B2 20020715; JP H07500051 A 19950105; KR 100215322 B1 19990816; MX 9205742 A 19930401; TW 216404 B 19931121; ZA 927084 B 19930331

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