

Title (en)

COMBINATION ROLL AND DIE COATING METHOD AND APPARATUS WITH IMPROVED DIE LIP

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KOMBINIERTEN WALZEN- UND EXTRUSIONS BESCHICHTUNG

Title (fr)

PROCEDE ET APPAREIL D'ENDUCTION PAR ROULEAU ET FILIERE COMBINES A LEVRE DE FILIERE PERFECTIONNEE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO9529765A1] A die coating method and apparatus includes a die (40) having an upstream bar (64) with an upstream lip (60) and a downstream bar (66) with a downstream lip (62). The upstream lip is formed as a land (68) and the downstream lip is formed as a sharp edge (70). Coating fluid exists the die (40) from the slot to form a continuous coating bead between the upstream die lip, the downstream die lip, and the surface being coated. A metering roller (332) removes excess coating fluid from the coated web. The apparatus can include a roller (330) on which the coating fluid is initially coated and which contacts a web. A doctor blade (338) or a metering roller removes excess coating fluid from the roller.

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