

Title (en)  
DIE COATING METHOD AND APPARATUS

Title (de)  
DÜSEN BESCHICHTUNGSVERFAHREN UND VORRICHTUNG

Title (fr)  
PROCEDE ET APPAREIL D'ENDUCTION A FILIERE

Publication  
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Application  
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Priority

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Abstract (en)  
[origin: WO9529764A1] 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 (60) is formed as a land (68) and the downstream lip (62) is formed as a sharp edge (70). The shape of the land conforms to the shape of the surface being coated. Changing at least one of the slot height H, the overbite O, and the convergence C can improve coating performance. A replaceable, flexible strip (350) can be used above the coating slot to facilitate replacement of a damaged overbite edge. A low surface energy coating can be applied to the downstream bar and land surfaces.

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