

Title (en)

Method for coating fluted rolls using high velocity oxygen fueled thermal spray

Title (de)

Verfahren zum Beschichten von Wellzylindern mittels sauerstoffthermischen Brennstoffspritzens hoher Geschwindigkeit

Title (fr)

Procédé de revêtement de cylindres cannelés en utilisant un pulvérisateur thermique oxy-combustible à grande vitesse

Publication

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Application

EP 96301751 A 19960314

Priority

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Abstract (en)

[origin: EP0795620A1] A method is described for forming a hardened coating on a workpiece, such as a corrugating roll (22), having an undulated surface. With the method, a high velocity oxygen fueled gun (26) is aligned with the undulated surface and a coating material is sprayed onto the surface from the gun to form a hardened coating having substantially uniform surface characteristics. The coating material is a tungsten carbide-cobalt material, or other hard carbide or oxide materials, which is sprayed onto the surface in a direction which is parallel to and offset from a plane passing through the longitudinal center of the roll (22). During the spraying operation, the gun (26) is traversed along the length of the roll while the roll is rotated. <IMAGE>

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C23C 4/12; **C23C 4/14**

IPC 8 full level

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CPC (source: EP)

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