

Title (en)

Device for coating a moving substrate with a powdery solid material.

Title (de)

Vorrichtung zum Auftragen eines in einem Gas verteilten pulverförmigen Feststoffes auf ein sich bewegendes Substrat.

Title (fr)

Dispositif de distribution d'un solide pulvérulent en suspension dans un gaz sur un substrat en défilement.

Publication

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Application

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Priority

FR 8816436 A 19881214

Abstract (en)

[origin: US5005769A] The invention relates to a device for the distribution of pulverulent product on a substrate. The device has two walls delimiting a blade-shaped cavity converging toward substrate, a gas injection chamber closed by a plate, pierced with a multiplicity of jets 12 for injecting a gas under pressure inducing ambient air into the cavity substantially parallel to the wall of the cavity which is adjacent thereto which homogenizes the pulverulent gas product mixture and accelerates it in the direction of the substrate, thus forming a uniform thin layer on a substrate.

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