

Title (en)
Method and device for coating components

Title (de)
Vorrichtung und Verfahren zum Beschichten von Bauteilen

Title (fr)
Dispositif et procédé de revêtement de composants

Publication
EP 1936003 B1 20130102 (DE)

Application
EP 07021513 A 20071106

Priority
DE 102006059900 A 20061219

Abstract (en)
[origin: EP1936003A2] The burner melts coating material and a nozzle directs it onto the workpiece. In novel design, a second compressed gas outlet directs a compressed gas flow onto the surface to be coated. A lengthy main body (1) is arranged on the end face of the distributor. The distributor has a rotary drive turning it about the longitudinal axis of the body. The distributor is carried along the component surface, along its axis of rotation. The compressed gas flow is ahead of the jet of molten material, in the direction of travel. A suction device is included. The suction device is ahead of the compressed gas nozzle and/or the second compressed gas outlet. Inside the main body, the compressed gas supply feeds the compressed nozzle and/or the second compressed gas outlet. The compressed gas nozzle directs the spray jet normally against the surface being coated. Before coating, contaminants on the surface are removed with a compressed gas flow.

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