

Title (en)

Nozzle and gun for the thermal spraying of plastic material.

Title (de)

Düse und Pistole zum thermischen Spritzen von Kunststoffmaterial.

Title (fr)

Buse et pistolet de projection thermique de matériau plastique.

Publication

EP 0494024 B1 19940810 (FR)

Application

EP 91403565 A 19911230

Priority

FR 9100021 A 19910103

Abstract (en)

[origin: EP0494024A1] The nozzle comprises a central core (18) defining the passage (19) for the plastic powder and the carrier gas, an intermediate tubular part (21) mounted on the central core and comprising passages (41, 42) for leading an oxygen-combustible mixture to orifices (46) for ejecting this oxygen-combustible mixture, which passages are formed in an annular end part (24) detachably mounted on the intermediate tubular part (21), and therefore being able to be easily interchanged, the whole nozzle being enclosed in a cover (27) defining internally an annular passage (35) for the ejected sheathing gas (40) between the central core (18) and the end part (24). <IMAGE>

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