

ABSTRACT

SPRAY NOZZLE

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A spray nozzle 10 for a laser deposition apparatus comprises an array of nozzle apertures 16 arranged side-by-side, and a powder supply chamber 18 in fluid communication with the nozzle apertures 16. In use the powder supply chamber 18 supplies powder to the nozzle apertures 16 under pressure so as to cause a wide powder stream to be discharged from the array of nozzle apertures 16. When used with a laser deposition apparatus 100, a relatively wide coating of a uniform thickness can be deposited.

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Figure 1