

Title (en)

Ballistic aerosol marking apparatus

Title (de)

Ballistische Aerosolmarkiervorrichtung

Title (fr)

Dispositif marqueur balistique à aérosol

Publication

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Application

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- US 16412498 A 19980930
- US 16425098 A 19980930
- US 16380898 A 19980930
- US 16376598 A 19980930
- US 16395498 A 19980930
- US 16392498 A 19980930
- US 16410498 A 19980930

Abstract (en)

[origin: EP0990523A2] A print head (24) is disclosed for use in a marking apparatus in which a propellant stream (A) is passed through a channel (34) and directed toward a substrate (38). Marking material (28), such as ink, toner, etc., is controllably introduced into the propellant stream (A) and imparted with sufficient kinetic energy thereby to be made incident upon the substrate (38). A multiplicity of channels for directing the propellant and marking material allow for high throughput, high resolution marking. Multiple marking materials (28C, 28M, 28Y, 28K) may be introduced into the channel (34) and mixed therein prior to being made incident on the substrate (38), or mixed or superimposed on the substrate (38) without re-registration. One example is a single-pass, full-color printer. <IMAGE>

IPC 8 full level

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