

Title (en)  
Blast gun for wet blasting

Title (de)  
Strahlpistole für die Nassstrahlung

Title (fr)  
Lance pour le traitement au jet abrasif humide

Publication  
**EP 0850727 B1 20021127 (DE)**

Application  
**EP 97123037 A 19971231**

Priority  
DE 19654779 A 19961231

Abstract (en)  
[origin: EP0850727A2] The gun has a manually operated control block integrated into it which regulates the feed of constituents to the gun. The control block also controls a reversing valve in order to convey, in one end position, the liquid into a mixer chamber integrated in the outlet nozzle for radiation material, gas and liquid. The constituents are mixed with a granulate-gas mixture. The liquid is added to the granulate-gas mixture at a tangent to the flow direction of the granulate-gas mixture. The jet emerging from the nozzle flows both axially and radially along the flow's longitudinal axis, or is conveyed directly by the reversing valve in the other end position into a liquid-radiation nozzle by which the jet of liquid has no gas and granulate component.

IPC 1-7  
**B24C 5/02**; **B24C 7/00**

IPC 8 full level  
**B24C 5/02** (2006.01); **B24C 7/00** (2006.01)

CPC (source: EP)  
**B24C 5/02** (2013.01); **B24C 7/0076** (2013.01); **B24C 7/0084** (2013.01)

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