

Title (en)

METHOD AND APPARATUS FOR FLUSHING RESIDUAL PAINT FROM THE INTERNAL FLOW PASSAGES IN A PAINT DISTRIBUTION SYSTEM

Publication

EP 0396223 A3 19910904 (EN)

Application

EP 90301948 A 19900223

Priority

US 34536789 A 19890501

Abstract (en)

[origin: EP0396223A2] Residual paint is flushed from a paint distribution system (12) by simultaneously injecting a measured volume of atomized solvent and a quantity of compressed air into a manifold (58). Prior to injection, the solvent is first moved into a metering cylinder (44) having an outlet therefrom communicating with the manifold (58). A metering piston (46) is slideable within the metering cylinder (44) for urging the measured volume of solvent into the manifold (58). An air pressure responsive piston (32) is connected to the metering piston (46). At the appropriate times, air pressure is applied to the air piston (32) and also injected into the manifold (58). As the air piston (32) is moved, the connected metering piston (46) forces the measured solvent through an atomizer nozzle (56) and into the manifold (58).

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CPC (source: EP)

B05B 12/14 (2013.01); **B05B 16/00** (2018.01)

Citation (search report)

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