

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).

IPC 1-7

B05B 12/14

IPC 8 full level

B05B 9/03 (2006.01); **B05B 12/14** (2006.01); **B05B 15/02** (2006.01); **B05B 15/04** (2006.01); **B05C 11/10** (2006.01); **B05B 15/12** (2006.01)

CPC (source: EP)

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

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0396223 A2 19901107; **EP 0396223 A3 19910904**; AU 5136090 A 19901101; AU 612926 B2 19910718; CA 2010656 A1 19901101; CA 2010656 C 19940419; JP H02303565 A 19901217; JP H0757333 B2 19950621

DOCDB simple family (application)

EP 90301948 A 19900223; AU 5136090 A 19900315; CA 2010656 A 19900222; JP 11567690 A 19900501