

Title (en)

METHOD AND APPARATUS FOR AUTOMATICALLY CLEANING PAINT-SOILED SPRAY GUNS

Publication

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Application

EP 88114954 A 19880913

Priority

- DE 3730828 A 19870914
- DE 3734267 A 19871009

Abstract (en)

[origin: JPH01107863A] PURPOSE: To rapidly clean spray guns without using solvents by immersion of the spray guns into a cleaning fluid, introducing fluid jet and ultrasonic waves and vertically moving the spray guns within the fluid during the time, then immersing the spray guns into a rinsing fluid to move the guns. CONSTITUTION: The spray guns 24 with their coating material reservoir or varnish reservoir open are immersed into the cleaning fluid free of solvents or thinners in a container 14 and during a first cleaning phase, the cleaning fluid is circulated and the fluid jet is introduced into the coating material reservoir. During a second phase, the ultrasonic waves are introduced to the cleaning fluid and the spray guns 24 are vertically moved in the fluid during the time to continuously or intermittently circulate the cleaning fluid. These two cleaning phase are repeated at least once. Next, the guns 24 are repeatedly immersed into the rinsing fluid in a container 15 and, if applicable, are moved therein, during which time the rinsing fluid is circulated to introduce the rinsing fluid stream into the open coating material reservoir. Consequently, the spray guns are rapidly and completely cleaned without using the solvents.

IPC 1-7

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CPC (source: EP KR US)

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Citation (search report)

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