

Title (en)

Device for cleaning hand operated spray guns.

Title (de)

Vorrichtung zum Reinigen handbetriebener Spritzpistolen.

Title (fr)

Dispositif pour nettoyer des pistolets de peinture commandés à la main.

Publication

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Application

EP 91101977 A 19910213

Priority

SE 9000579 A 19900219

Abstract (en)

The present invention relates to a device for cleaning hand operated spray guns, preferably hand operated spray guns used for painting vehicles in repair shops, whereby said device includes a sealable space (9) with holders permitting positioning of preferably one spray gun (2) at a time in such a way relative to nozzles (51) that said nozzles can spray solvent onto and into said spray gun (2) for cleaning thereof, and whereby said nozzles (51) are provided for automatic cleaning of the spray gun (2). In order to make this device reliable, effective and usable for automatic as well as manual cleaning, a pressurized-air system (13) is provided to spray solvent by means of pressurized air and without the use of liquid pump devices therefor, onto and into the spray gun (2) through said nozzles (51) for automatic cleaning of said spray gun, whereby the pressurized-air system (13), when required, is provided also to permit spraying of solvent (48) onto the spray gun (2) through at least one other nozzle (58) for manual cleaning of said spray gun. <IMAGE>

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Citation (search report)

- [A] US 4793369 A 19881227 - ROBB RICHARD A [US], et al
- [A] US 4785836 A 19881122 - YAMAMOTO SOICHIRO [CA]
- [AP] US 4923522 A 19900508 - SOWERS DAVID A [US]

Cited by

FR2771662A1; FR2900073A1; US6361617B1; EP0799651A1; FR2746679A1; EP0615472A4; US5482064A; EP1602412A1; DE4225848A1; EP1982775A1; US6554009B1; US7533678B2; WO9735672A1; WO9901230A1

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