

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

EP 0443421 A1 19910828 (EN)

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>

IPC 1-7

B08B 3/02

IPC 8 full level

B05B 15/02 (2006.01); **B05B 15/555** (2018.01); **B08B 3/00** (2006.01); **B08B 3/08** (2006.01)

CPC (source: EP)

B05B 15/555 (2018.01); **B08B 3/006** (2013.01); **B08B 3/08** (2013.01)

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

Designated contracting state (EPC)

DE FR GB IT NL SE

DOCDB simple family (publication)

EP 0443421 A1 19910828; EP 0443421 B1 19940706; DE 69102714 D1 19940811; DE 69102714 T2 19941201; JP 3256552 B2 20020212; JP H04219165 A 19920810; SE 500681 C2 19940808; SE 9000579 D0 19900219; SE 9000579 L 19910820

DOCDB simple family (application)

EP 91101977 A 19910213; DE 69102714 T 19910213; JP 2440691 A 19910219; SE 9000579 A 19900219