

Title (en)

Fastening device for a spray device.

Title (de)

Sprühgerät-Befestigungsvorrichtung.

Title (fr)

Dispositif de fixation d'un dispositif de pulvérisation.

Publication

**EP 0681872 A3 19971217 (DE)**

Application

**EP 95104365 A 19950324**

Priority

DE 4416311 A 19940509

Abstract (en)

[origin: EP0681872A2] The attachment uses a mechanical quick-release coupling (16, 18, 20, 22, 26) in combination with a pneumatic clamping device (10, 12, 14) for securing the spray device (2) to the robot arm (6). Pref. the quick-release coupling uses a plug-in coupling with respective halves (22, 26) secured to the spray device and to the end of the robot arm, the pneumatic clamping device providing a pneumatic clamping force when the mechanical quick-release coupling is engaged. <IMAGE>

IPC 1-7

**B05B 15/06**; **B05B 5/03**

IPC 8 full level

**B05B 5/03** (2006.01); **B05B 15/06** (2006.01); **B05B 15/65** (2018.01)

CPC (source: EP US)

**B05B 15/65** (2018.02 - EP US)

Citation (search report)

- [A] EP 0446963 A1 19910918 - KOTTERER GRAFOTEC [DE]
- [A] US 4660771 A 19870428 - CHABERT PIERRE [FR], et al
- [A] EP 0310358 A2 19890405 - DEVILBISS CO [US]
- [A] PATENT ABSTRACTS OF JAPAN vol. 009, no. 287 (C - 314) 14 November 1985 (1985-11-14)

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WO2009060058A1

Designated contracting state (EPC)

AT BE CH DE LI NL

DOCDB simple family (publication)

**EP 0681872 A2 19951115**; **EP 0681872 A3 19971217**; **EP 0681872 B1 19991027**; AT E185984 T1 19991115; CA 2148183 A1 19951110; CA 2148183 C 19981006; DE 4416311 A1 19951116; DE 59507116 D1 19991202; JP H0838963 A 19960213; US 5624075 A 19970429

DOCDB simple family (application)

**EP 95104365 A 19950324**; AT 95104365 T 19950324; CA 2148183 A 19950428; DE 4416311 A 19940509; DE 59507116 T 19950324; JP 11056395 A 19950509; US 43800995 A 19950509