

## Title (en)

Paint-spraying device and paint-spraying method using such a device

## Title (de)

Vorrichtung zur Zerstäubung von Farbe, und Anwendungsverfahren einer solchen Vorrichtung

## Title (fr)

Dispositif de pulvérisation de peinture et procédé de mise en oeuvre d'un tel dispositif

## Publication

**EP 2500104 A1 20120919 (FR)**

## Application

**EP 12159488 A 20120314**

## Priority

FR 1152258 A 20110318

## Abstract (en)

The device (2) has a body (4) forming a support and comprising nozzles (8, 10, 12) and paint reservoirs, where the body is carried by a robot arm. The nozzles are provided with a paint spraying unit (16) and mounted on the body. Each nozzle is connected to a distinct paint reservoir through a supply unit, where each reservoir contains paint e.g. primer, base and varnish. Each nozzle has a cylindrical body (14) comprising ends (24, 26), where one of the ends supports the spraying unit. The other end is oriented toward center of the body. An independent claim is also included for a method for installing a paint spraying device.

## Abstract (fr)

L'invention concerne un dispositif de pulvérisation de peinture comportant un corps formant support (4) et un procédé de son mise en oeuvre. Selon l'invention, le dispositif de pulvérisation comprend trois buses (8,10,12) munies de moyens de pulvérisation de peinture (16) et montées sur ledit corps et trois réservoirs de peinture, chaque buse étant raccordée par des moyens d'alimentation à un réservoir de peinture distinct, chaque réservoir de peinture contenant respectivement une peinture de type apprêt, base et vernis.

## IPC 8 full level

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## Citation (search report)

- [A] DE 4242715 A1 19930624 - KRAUTZBERGER GMBH [DE]
- [A] EP 0395790 A2 19901107 - ACCUSPRAY INC [US]
- [A] WO 9308929 A1 19930513 - NEW TECH IND PRODUCTS INC [US]
- [A] DE 19632325 A1 19980212 - HERBERTS GMBH [DE]

## Cited by

EP3446789A1; US11465165B2

## Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

## Designated extension state (EPC)

BA ME

## DOCDB simple family (publication)

**EP 2500104 A1 20120919**; AR 085419 A1 20131002; BR 102012005981 A2 20131029; CN 102698909 A 20121003; FR 2972651 A1 20120921; FR 2972651 B1 20140131; MX 2012003249 A 20120917; US 2012234933 A1 20120920

## DOCDB simple family (application)

**EP 12159488 A 20120314**; AR P120100867 A 20120316; BR 102012005981 A 20120316; CN 201210073060 A 20120319; FR 1152258 A 20110318; MX 2012003249 A 20120316; US 201213424075 A 20120319