

Title (en)

ATOMIZING DEVICE AND METHOD FOR THE APPLICATION OF ONE- AND MULTI-COMPONENT COATING MATERIALS

Title (de)

ZERSTÄUBER UND VERFAHREN ZUM APPLIZIEREN VON EIN- UND MEHR-KOMPONENTEN-BESCHICHTUNGSMITTELN

Title (fr)

DISPOSITIF D'ATOMISATION ET PROCÉDÉ DE REVÊTMENT POUR UN OU PLUSIEURS COMPOSANTS

Publication

EP 2542349 B1 20160224 (DE)

Application

EP 11707593 A 20110302

Priority

- DE 102010010053 A 20100303
- EP 2011001039 W 20110302

Abstract (en)

[origin: WO2011107275A1] An atomizer for coating preferably automobile bodies, add-on parts and/or truck cabs is provided, wherein the atomizer is intended for applying one multi-component coating agent and one single-component coating agent from one application element, or for applying two different multi-component coating agents from one application element (AE).

IPC 8 full level

B05B 12/14 (2006.01)

CPC (source: EP US)

B05B 12/14 (2013.01 - US); **B05B 12/1418** (2013.01 - EP US)

Citation (examination)

- WO 2008058650 A2 20080522 - DUERR SYSTEMS GMBH [DE], et al
- US 2009277378 A1 20091112 - YAMAUCHI KUNIHARU [JP]
- US 2005074562 A1 20050407 - MINKO PETER [DE]
- US 5727735 A 19980317 - BAUMANN MICHAEL [DE], et al
- US 5225239 A 19930706 - OSTIN RICHARD M [US]
- DE 29719535 U1 19980205 - APSON LACKIERTECHNIK GMBH [DE]
- DE 10358646 A1 20050714 - DUERR SYSTEMS GMBH [DE]

Citation (opposition)

Opponent : **Ostertag**

- EP 1644130 B1 20070228 - INNOSTARTER AG [CH]
- DE 10047838 A1 20020411 - CHEMICON BAUTECHNIK GMBH [DE]
- EP 2076336 B1 20100421 - POMA SONDERMASCHINEN UND VORRI [DE]
- US 3848802 A 19741119 - DEGGINGER E, et al

Cited by

FR3044567A1

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

DOCDB simple family (publication)

DE 102010010053 A1 20110908; DE 102010010053 B4 20190516; CN 102869454 A 20130109; CN 102869454 B 20170616; EP 2542349 A1 20130109; EP 2542349 B1 20160224; EP 2542349 B2 20210728; JP 2013521110 A 20130610; JP 5832454 B2 20151216; MX 2012010018 A 20121129; MX 339612 B 20160601; RU 2012141991 A 20140410; RU 2567951 C2 20151110; US 2013108796 A1 20130502; US 9844793 B2 20171219; WO 2011107275 A1 20110909

DOCDB simple family (application)

DE 102010010053 A 20100303; CN 201180022219 A 20110302; EP 11707593 A 20110302; EP 2011001039 W 20110302; JP 2012555334 A 20110302; MX 2012010018 A 20110302; RU 2012141991 A 20110302; US 201113582344 A 20110302