

Title (en)

Coating device for elongated workpieces

Title (de)

Beschichtungsvorrichtung für langgestreckte Werkstücke

Title (fr)

Dispositif de revêtement pour pièces allongées

Publication

**EP 2253384 B2 20190828 (DE)**

Application

**EP 10162699 A 20100512**

Priority

DE 102009021782 A 20090518

Abstract (en)

[origin: EP2253384A1] The device has a conveying device (22) for moving a workpiece (18) in a longitudinal direction (20) of a suction chamber (10) through which the workpiece is guided. Application devices (42) apply a coating medium on a surface of the workpiece. A die plate (24) e.g. inlet die plate and/or the outlet die plate, is arranged at an inlet opening (14) and/or an outlet opening (16) of the suction chamber. The application devices are integrated in the die plate. The application devices comprise nozzles e.g. slot nozzles, that points the suction chamber.

IPC 8 full level

**B05B 13/02** (2006.01)

CPC (source: EP)

**B05B 13/0207** (2013.01); **B05B 13/0278** (2013.01); **B05B 16/95** (2018.01); **B05B 1/04** (2013.01); **B05B 14/40** (2018.01)

Citation (opposition)

Opponent :

- DE 4337438 A1 19950504 - SCHIELE JOSEF [DE]
- US 1726941 A 19290903 - BARORD PAUL J
- US 1643330 A 19270927 - BARORD PAUL J
- GB 2329137 A 19990317 - UNIVERSAL FINISHING SYSTEMS CO [GB]
- GB 2280864 A 19950215 - KOMFORT SYSTEMS LTD [GB]
- US 2006083862 A1 20060420 - SCHMIDT DAVID [CA]
- DE 102004057299 A1 20060601 - JOSEF SCHIELE OHG [DE]
- US 5482745 A 19960109 - CUELLAR SALOME J [US], et al
- E&R Supply/ North West -'Vacumat Master Spezial' Konstruktionszeichnungen

Cited by

EP2409778A1; EP2594340A1; CN107971171A; US10150129B2; DE102013201487B4; DE102015205338A1; US9841234B2; EP3073215A1; EP2762239A1

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 SE SI SK SM TR

DOCDB simple family (publication)

**EP 2253384 A1 20101124; EP 2253384 B1 20160323; EP 2253384 B2 20190828**; DE 102009021782 A1 20101125

DOCDB simple family (application)

**EP 10162699 A 20100512**; DE 102009021782 A 20090518