

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)

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DOCDB simple family (publication)

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

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