

Title (en)

Coating installation and method for controlling the flow of coating material in this installation

Title (de)

Beschichtungsanlage und Verfahren zum Steuern des Materialflusses in der Anlage

Title (fr)

Installation de revêtement et procédé de commande de l'écoulement du matériau de revêtement dans cette installation

Publication

**EP 0842706 A3 19981202 (DE)**

Application

**EP 97119659 A 19971110**

Priority

DE 19647168 A 19961114

Abstract (en)

[origin: EP0842706A2] The painting plant has a ring line (20) closed by an automatically controlled locking valve (16,36,37) in the pauses between coatings downstream of the inflow lines (32,32',34,34') leading to the painting devices (25,26,28,29). In this condition, the painting material from the inflow lines goes through a separate return line (35,35') behind the closing point back into the ring line. There may be a second closing point (37) downstream of the first one.

IPC 1-7

**B05B 9/03**; **B05B 7/24**

IPC 8 full level

**B05B 7/24** (2006.01); **B05B 9/03** (2006.01)

CPC (source: EP)

**B05B 9/035** (2013.01)

Citation (search report)

- [A] US 4390126 A 19830628 - BUCHHOLZ HAGEN [DE], et al
- [A] US 3720373 A 19730313 - LEVEY G
- [A] US 4830055 A 19890516 - KOLIBAS JAMES A [US]
- [A] WO 9515219 A1 19950608 - HOSE SPECIALTIES CAPRI INC [US], et al

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CN114728300A; US8794174B2; US11890630B2; WO2021094283A1; EP1789202B2

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**EP 0842706 A2 19980520**; **EP 0842706 A3 19981202**; **EP 0842706 B1 20020515**; DE 19647168 A1 19980528; DE 59707276 D1 20020620; ES 2175245 T3 20021116

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