

Title (en)

Apparatus for coating substrates

Title (de)

Vorrichtung zur Oberflächenbeschichtung bzw. zum Lackieren von Substraten

Title (fr)

Dispositif pour revêtir des substrats

Publication

EP 0790081 A3 19980715 (DE)

Application

EP 97101696 A 19970204

Priority

DE 19605602 A 19960215

Abstract (en)

[origin: EP0790081A2] The apparatus includes a feed device which delivers the coating material or the painting liquid (5) to a substrate (2). The liquid which emanates from the substrate carrier is delivered to a first collection container (27) connected to at least one filter (28). The liquid passes from the first container to a second collection container (31), and back to the first container, either directly or indirectly via a pump (29). A vacuum can be set up in the liquid circuit between a first outflow line (33) of the first container and a second container and the pump.

IPC 1-7

B05C 11/08; **B05C 11/10**

IPC 8 full level

B05C 11/08 (2006.01); **B05C 11/10** (2006.01)

CPC (source: EP US)

B05C 11/08 (2013.01 - EP US); **B05C 11/10** (2013.01 - EP US); **B05C 11/1039** (2013.01 - EP US); **B05C 11/1042** (2013.01 - EP US)

Citation (search report)

- [X] EP 0334535 A2 19890927 - PIRELLI GENERAL PLC [GB]
- [X] US 1746228 A 19300204 - DARLING HARRY R
- [A] US 5335681 A 19940809 - SCHMID CHRISTIAN [DE]
- [A] DE 3211597 A1 19831013 - HEINZ WILHELM DIPL ING
- [A] US 3516230 A 19700623 - SAUBESTY JEAN
- [A] DE 29512500 U1 19951012 - LEYBOLD AG [DE]
- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 357 (C - 458) 20 November 1987 (1987-11-20)
- [A] PATENT ABSTRACTS OF JAPAN vol. 017, no. 480 (E - 1425) 31 August 1993 (1993-08-31)

Cited by

CN102861701A; EP3023344A1; US9815080B2; EP1188466A2; WO2008098726A1

Designated contracting state (EPC)

CH DE FR GB LI NL SE

DOCDB simple family (publication)

EP 0790081 A2 19970820; **EP 0790081 A3 19980715**; **EP 0790081 B1 20030702**; DE 19605602 C1 19971120; DE 59710358 D1 20030807; US 5766359 A 19980616

DOCDB simple family (application)

EP 97101696 A 19970204; DE 19605602 A 19960215; DE 59710358 T 19970204; US 80279097 A 19970218