

Title (en)

Laboratory apparatus for coating flexible webs

Title (de)

Laborgerät zur Beschichtung von flexiblen Bahnen

Title (fr)

Appareil de laboratoire pour revêtir des bandes souples

Publication

EP 0752278 A3 19970924 (DE)

Application

EP 96110655 A 19960702

Priority

DE 29511050 U 19950707

Abstract (en)

[origin: EP0752278A2] There is at least one changeover roller (14) inside the housing (3). The unwinding and winding devices (4,5) are arranged on one side of the housing one above the other. The coating device (7) is arranged between the unwinding device and the housing. There is a cooling roller (15) between the housing and the winding-up device. At least one circulating chain (29) runs through the housing between the unwinding and winding-up devices and has calipers for accommodation of the flexible strip (2). A heating element (19) is arranged inside the housing, at least above or below the flexible strip. The heating elements are formed as nozzle boxes, which are connected to an air feed channel (20).

IPC 1-7

B05C 9/14; **B05C 5/02**

IPC 8 full level

B05C 9/14 (2006.01); **D06B 19/00** (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP)

B05C 9/14 (2013.01); **D06B 19/0017** (2013.01); **B05C 5/0245** (2013.01)

Citation (search report)

- [XA] GB 923697 A 19630418 - STAFLEX COMPANY LTD
- [X] CH 515373 A 19711115 - HOECHST AG [DE], et al
- [XA] US 4448582 A 19840515 - JOHNSON DAVID F [US]
- [A] DE 8322135 U1 19850523
- [A] FR 1361927 A 19640529 - DUNGLER ET SCHEIDECKER REUNIS
- [A] US 4443185 A 19840417 - SMITH THOMAS M [US]

Cited by

EP2031110A1

Designated contracting state (EPC)

BE CH DE IT LI

DOCDB simple family (publication)

DE 29511050 U1 19951116; EP 0752278 A2 19970108; EP 0752278 A3 19970924

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