

Title (en)

COATING APPARATUS PROVIDED WITH A PROTECTIVE SHIELD.

Title (de)

BESCHICHTUNGSAPPARAT MIT ABDECKVORRICHTUNG.

Title (fr)

APPAREIL DE COUCHAGE AVEC ECRAN.

Publication

**EP 0427753 B1 19950920 (EN)**

Application

**EP 89908565 A 19890719**

Priority

- US 8903082 W 19890719
- US 22540188 A 19880728

Abstract (en)

[origin: WO9001178A1] Coating apparatus for applying a coating of one or more layers of coating composition to the surface of a continuous web or discrete sections of sheet material. The apparatus includes a cascade slide hopper to supply coating composition to the coating zone. The layer or layers of coating composition flowing down the slide surfaces of the cascade slide hopper are protected from adverse effects of convection air currents by a shield which is positioned so close to the slide surfaces of the cascade slide hopper as to prevent the creation of thermal connection currents. Preferably, the shield is heated to a temperature equal to or above the temperature of the coating compositions to prevent condensation.

IPC 1-7

**G03C 1/74**; **B05C 9/06**

IPC 8 full level

**B05C 5/00** (2006.01); **B05C 9/06** (2006.01); **G03C 1/74** (2006.01)

CPC (source: EP)

**B05C 5/007** (2013.01); **B05C 5/008** (2013.01); **G03C 1/74** (2013.01); **G03C 2001/7433** (2013.01); **G03C 2001/7485** (2013.01)

Designated contracting state (EPC)

BE DE FR GB NL

DOCDB simple family (publication)

**WO 9001178 A1 19900208**; DE 68924349 D1 19951026; DE 68924349 T2 19960509; EP 0427753 A1 19910522; EP 0427753 B1 19950920; JP H03503576 A 19910808; JP H0627929 B2 19940413

DOCDB simple family (application)

**US 8903082 W 19890719**; DE 68924349 T 19890719; EP 89908565 A 19890719; JP 50811189 A 19890719