

Publication

**EP 0581962 A4 19940323**

Application

**EP 93902521 A 19930122**

Priority

- JP 9300081 W 19930122
- JP 935792 A 19920122
- JP 22156492 A 19920820

Abstract (en)

[origin: EP0581962A1] A hopper type application device for applying one or more coating liquids on a running flexible support member, wherein said device comprises a slit characterized by applying a composite plating film, in which fluorine-containing resin is dispersed and coagulated, to a lip portion disposed at the forward end and/or an inclined surface portion continuing to the lip portion, and a method of application, wherein the length of a bottom portion of a bead is made to be substantially equal to the length of lip at the inlet side when the plating is applied only to the inclined surface portion continuing to the lip portion, are used to thereby achieve the following object. There are provided the device for application, wherein troubles such as tailing, liquid dripping and waviness can be eliminated even when coating is performed by a slide hopper and an extrusion type coating die, with a liquid low in surface tension and viscosity used as a coating liquid, and the method of application capable of offering uniform coating properties. <IMAGE>

IPC 1-7

**B05C 5/02**

IPC 8 full level

**B05C 5/00** (2006.01); **B05C 5/02** (2006.01); **B05C 9/06** (2006.01); **B05D 1/26** (2006.01); **G03C 1/74** (2006.01)

CPC (source: EP)

**B05C 5/005** (2013.01); **B05C 5/007** (2013.01); **B05C 5/008** (2013.01); **B05C 5/0254** (2013.01); **B05C 9/06** (2013.01); **B05D 1/265** (2013.01); **G03C 1/74** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 9314878A1

Cited by

US6231929B1; US5980992A; CN112770846A; EP1375014A3; US5998549A; US7754285B2; EP2052787A2

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0581962 A1 19940209**; **EP 0581962 A4 19940323**; **EP 0581962 B1 19970409**; DE 69309572 D1 19970515; DE 69309572 T2 19970904; WO 9314878 A1 19930805

DOCDB simple family (application)

**EP 93902521 A 19930122**; DE 69309572 T 19930122; JP 9300081 W 19930122