

Title (en)

Apparatus for the application of a coating colour onto a web of fibrous material

Title (de)

Vorrichtung zum Auftragen von Streichfarbe auf eine Faserstoffbahn

Title (fr)

Dispositif pour déposer une couleur d'enduction sur une bande fibreuse

Publication

**EP 0609484 B1 19970219 (DE)**

Application

**EP 93112696 A 19930807**

Priority

- DE 4303082 A 19930204
- DE 4306937 A 19930305

Abstract (en)

[origin: EP0609484A1] The invention relates to a method and an apparatus for the application of coating colour onto a web of fibrous material. It proceeds in this case from the principle of the indirect application of coating colour, in which the coating colour is first delivered onto the covering surface of an application roll and is then deposited onto a web of fibrous material. The basic idea of the invention consists of delivering two or more layers of coating colour onto the covering surface of one and the same application roll. According to an adapted embodiment, a release liquid can also be applied before the application of a coating colour layer, the release liquid repelling the coating colour but having an affinity for the material of the covering surface of the application roll, so that a trouble-free removal of the coated web of fibrous material from the covering surface of the roll takes place. <IMAGE>

IPC 1-7

**D21H 23/58**; **B05C 1/08**

IPC 8 full level

**B05C 1/08** (2006.01); **B05D 1/28** (2006.01); **B05D 7/00** (2006.01); **D21H 23/00** (2006.01); **D21H 23/56** (2006.01); **D21H 23/58** (2006.01)

CPC (source: EP)

**B05C 1/0826** (2013.01); **D21H 23/58** (2013.01)

Cited by

US6652908B1; WO0047336A1; US6291017B1; US6346148B1; WO03053643A1

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0609484 A1 19940810**; **EP 0609484 B1 19970219**; AT E149046 T1 19970315; CA 2114975 A1 19940805; DE 59305498 D1 19970327; FI 107816 B 20011015; FI 940510 A0 19940203; FI 940510 A 19940805; JP H073698 A 19950106

DOCDB simple family (application)

**EP 93112696 A 19930807**; AT 93112696 T 19930807; CA 2114975 A 19940204; DE 59305498 T 19930807; FI 940510 A 19940203; JP 1253194 A 19940204