

Title (en)

Device and process for applying a liquid resin on a moving web

Title (de)

Vorrichtung und Verfahren zum Auftragen von flüssigem Harz auf eine laufende Bahn

Title (fr)

Dispositif et procédé d'enduction de résine liquide sur une bande en défilement

Publication

EP 0794011 B1 20010919 (FR)

Application

EP 97400455 A 19970228

Priority

FR 9602914 A 19960308

Abstract (en)

[origin: EP0794011A1] The system for coating a liquid resin onto a moving belt (B) comprises a pourer (2') formed by the bottom of a liquid resin gravity supply tank (13'). The bottom slopes close to the belt. A support wall (6') acts as a rough calibrator and spreader of a thick resin layer on the belt. The wall supports an inclined section (15) on its upper edge (14) which extends across the belt width. The upper edge (17) under the inclined section follows the belt and precisely calibrates the thick resin layer to a predetermined thickness and recover the excess resin. The recovered resin flows freely along the inclined wall to reach its lower edge (16) and enter the tank. The recovered resin causes turbulence in the tank and homogenises the liquid contained in it.

IPC 1-7

B05C 3/18; **B05C 5/02**

IPC 8 full level

B05C 3/18 (2006.01); **B05C 11/02** (2006.01)

CPC (source: EP)

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Cited by

CN112627443A; US6676754B1; US6991745B2

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