

Title (en)

Coating apparatus and process.

Title (de)

Vorrichtung und Verfahren zum Aufbringen eines Überzuges.

Title (fr)

Dispositif et procédé pour appliquer un enduit.

Publication

EP 0056704 A2 19820728 (EN)

Application

EP 82300160 A 19820112

Priority

- US 22669781 A 19810121
- US 22669981 A 19810121
- US 22670581 A 19810121

Abstract (en)

In the coating of a strip article of indeterminate length, wherein the article is continuously advanced lengthwise past a dam while liquid coating material is supplied to a major surface of the article ahead of the dam, the article is passed through a gap of extended length immediately beyond the dam, the gap being defined between uniformly spaced walls one of which faces the article surface bearing the coating material. The spacing between the gap walls is equal to the thickness of the strip article plus a desired wet thickness of the layer of coating material. Coating material of different colours or shades may be supplied to different portions of the strip surface for producing coatings of varied patterns.

IPC 1-7

B05D 1/26; **B05D 1/34**; **B05D 5/06**; **B05C 5/02**; **B05C 9/06**

IPC 8 full level

B05C 3/18 (2006.01); **B05C 5/02** (2006.01); **B05C 9/06** (2006.01); **B05D 1/26** (2006.01); **B05D 1/34** (2006.01); **B05D 1/36** (2006.01); **B05D 5/06** (2006.01)

CPC (source: EP)

B05C 3/18 (2013.01); **B05C 5/0266** (2013.01); **B05C 5/027** (2013.01); **B05C 5/0279** (2013.01); **B05C 9/06** (2013.01); **B05D 1/265** (2013.01); **B05D 1/34** (2013.01); **B05D 5/06** (2013.01); **B05D 1/26** (2013.01); **B05D 2252/02** (2013.01)

Cited by

EP0096453A3; US4663197A; EP0558459A1; CN113306060A; EP0470690A3; US4576109A; US5733608A; EP0325007A1; EP0950438A1; US6083571A; EP0104089A1; US4620997A; EP0907422A4; CN117531647A; EP0528683A1; US5342473A; US5447587A; WO8403238A1; WO9624088A1

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0056704 A2 19820728; **EP 0056704 A3 19820922**; **EP 0056704 B1 19860820**; AU 552104 B2 19860522; AU 7966282 A 19820729; DE 3272647 D1 19860925; ES 508890 A0 19830601; ES 8306613 A1 19830601; MY 8700866 A 19871231

DOCDB simple family (application)

EP 82300160 A 19820112; AU 7966282 A 19820120; DE 3272647 T 19820112; ES 508890 A 19820120; MY 8700866 A 19871230