

Title (en)

Free span coater with backside support.

Title (de)

Free span-Beschichtungsvorrichtung mit Rückenunterstützung.

Title (fr)

Appareil d'enduction sur portée libre avec support dorsal.

Publication

EP 0603776 A1 19940629 (EN)

Application

EP 93120480 A 19931218

Priority

US 99468292 A 19921222

Abstract (en)

An apparatus (10) for free span coating on a web (12) includes a seamless sleeve (20) mounted around two rollers (22,24) which supports the backside (18) of the web (12) during coating. The sleeve (20) moves with the web (12) to minimize resistance to web movement, and supports the backside (18) of the web (12) while permitting free span coating on the front (19) of the web (12). The sleeve (20) is steered to maintain the position of the sleeve (20) on the rollers (22,24). A tensioning device tensions the sleeve (20) to provide a uniform tensioned support for the web (12). <IMAGE>

IPC 1-7

B05C 5/02; D06B 1/08; B05C 11/10

IPC 8 full level

B05C 5/02 (2006.01); **B05C 11/10** (2006.01); **D06B 1/08** (2006.01)

CPC (source: EP)

B05C 5/0245 (2013.01); **B05C 11/10** (2013.01); **D06B 1/08** (2013.01)

Citation (search report)

- [XA] FR 2312590 A1 19761224 - HOECHST AG [DE]
- [A] EP 0423774 A2 19910424 - RUEMMER JUERGEN [DE]
- [A] NL 8901012 A 19901116 - STORK BRABANT BV

Cited by

US10895830B2; US6110282A; EP3683630A1; CN111413855A

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

EP 0603776 A1 19940629; JP H06206035 A 19940726

DOCDB simple family (application)

EP 93120480 A 19931218; JP 32190193 A 19931221