

Title (en)

Apparatus for applying directly or indirectly a fluid or pasty coating onto a moving web

Title (de)

Vorrichtung zum direkten oder indirekten Auftragen eines flüssigen oder pastösen Auftragsmediums auf eine laufende Materialbahn

Title (fr)

Dispositif pour appliquer directement ou indirectement une enduction fluide ou pâteuse sur une bande en mouvement

Publication

EP 0967327 A3 20011017 (DE)

Application

EP 99112062 A 19990622

Priority

DE 19827712 A 19980622

Abstract (en)

[origin: CA2275856A1] A device (10) designed for coating a material web (16) with a coating medium (14), comprising a coater (12), a metering/smoothing device (18) positioned downstream of the of the coater (12) in direction of feed L of material web 16, at a certain distance from said coater, and a support roll (24) around which the material web (16) is guided. Moreover, the material web is guided around the support roll (24) only in the area of the metering/ smoothing device (18), and it traverses essentially in a straight line between the coater (12) and the support roll (24). In accordance to a first aspect of this invention, a support arrangement (26) is provided whose purpose is to support the material web (16) in the straight web section between the coater (12) and the support roll (24). In accordance to a second aspect of this invention, means are provided which stabilize the material web in the area where the web traverses in a straight line.

IPC 1-7

D21H 23/40

IPC 8 full level

B05C 5/02 (2006.01); **B05C 11/04** (2006.01); **B05C 13/02** (2006.01); **D21H 23/40** (2006.01)

CPC (source: EP US)

B05C 5/0254 (2013.01 - EP US); **D21H 23/40** (2013.01 - EP US); **B05C 11/04** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 17 5 June 2001 (2001-06-05)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

DE 19827712 A1 19991223; **DE 19827712 B4 20081211**; CA 2275856 A1 19991222; EP 0967327 A2 19991229; EP 0967327 A3 20011017; JP 2000024573 A 20000125; US 6372046 B1 20020416

DOCDB simple family (application)

DE 19827712 A 19980622; CA 2275856 A 19990621; EP 99112062 A 19990622; JP 17573899 A 19990622; US 33785999 A 19990621