

Title (en)

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

Title (de)

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

Title (fr)

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

Publication

EP 1475477 A3 20090722 (DE)

Application

EP 04101894 A 20040504

Priority

DE 10319992 A 20030506

Abstract (en)

[origin: EP1475477A2] Applicator assembly (1), giving direct coating application of liquid/paste medium (M) on to surface of moving paper or cardboard web (2), has unit (7) in front of applicator to remove layer of air carried by web. The unit is within wedge entry gap (4) radially towards surface (3a) of web support roller (3). A bar (8) is against web surface (2a), together with blade (11), across direction of travel (L) and over width of applicator (6). The applicator assembly (1), giving a direct coating application of a liquid or paste medium (M) on to the surface of a moving paper or cardboard web (2), has a unit (7) in front of the applicator to remove the layer of air carried by the web. The unit is within the wedge entry gap (4) radially towards the surface (3a) of a web support roller (3). A bar (8) is against the web surface (2a), together with a blade (11), across the direction of travel (L) and over the width of the applicator (6). The downstream end (11a) of the blade extends into the gap, to form a minimum gap between it and the roller surface.

IPC 8 full level

D21H 23/30 (2006.01); **D21H 19/32** (2006.01)

CPC (source: EP)

D21H 19/32 (2013.01); **D21H 23/22** (2013.01); **D21H 23/30** (2013.01)

Citation (search report)

- [DX] EP 0855464 A2 19980729 - VOITH SULZER PAPIERMASCH GMBH [DE]
- [X] DE 19827712 A1 19991223 - VOITH SULZER PAPIERTECH PATENT [DE]
- [A] DE 19829449 A1 20000105 - VOITH SULZER PAPIERTECH PATENT [DE]

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL HR LT LV MK

DOCDB simple family (publication)

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DOCDB simple family (application)

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