

Title (en)  
Coating device

Title (de)  
Auftragsvorrichtung

Title (fr)  
Dispositif d'enduction

Publication  
**EP 1270810 A3 20031210 (DE)**

Application  
**EP 02013118 A 20020614**

Priority  
DE 10131680 A 20010629

Abstract (en)  
[origin: EP1270810A2] A dispenser (5, 5a) applies glue (M) to one or both sides of a moving carton web (3). The dispenser has a dosing unit (12, 12a) with outlets (15, 15a) forming a defined chamber (14, 14a) within the gutter (Z, Za). The carton feeds towards the chamber between rollers (1, 1a). The glue is released and spread onto the carton surface in approx. the same direction of travel as the web. The glue dispenser has a detachable dispenser head which may be exchanged in accordance with the application. There is a minimal gap between the dispenser spray jet outlet and the moving carton. The dispenser has a series of spray jets arranged at different levels.

IPC 1-7  
**D21H 23/40**; **D21H 23/42**; **D21H 23/72**; **B05C 3/12**

IPC 8 full level  
**B05B 1/02** (2006.01); **B05C 3/132** (2006.01); **B05C 11/10** (2006.01); **D21H 23/42** (2006.01); **B05C 1/08** (2006.01); **B05C 9/04** (2006.01)

CPC (source: EP US)  
**B05C 1/0869** (2013.01 - EP US); **D21H 23/42** (2013.01 - EP US); **B05C 9/04** (2013.01 - EP US)

Citation (search report)  
• [PYA] WO 0204744 A1 20020117 - VOITH PAPER PATENT GMBH [DE], et al  
• [Y] DE 3146519 A1 19820616 - VALMET OY [FI]  
• [Y] US 4407224 A 19831004 - ALHEID ROBERT J [US]  
• [A] DE 29610446 U1 19960905 - VOITH SULZER PAPIERMASCH GMBH [DE]  
• [A] DE 29513970 U1 19951130 - VOITH SULZER PAPIERMASCH GMBH [DE]  
• [A] DE 3407255 A1 19840906 - WAERTSILAE OY AB [FI]  
• [A] US 4822640 A 19890418 - TUHKANEN RAIMO [FI], et al  
• [Y] DATABASE WPI Section Ch Week 198711, Derwent World Patents Index; Class F09, AN 1987-075881, XP002258390

Cited by  
CN104056757A; CN102905797A; WO2011116846A1; WO2007147949A3; TWI506150B

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1270810 A2 20030102**; **EP 1270810 A3 20031210**; **EP 1270810 B1 20070307**; AT E356253 T1 20070315; DE 10131680 A1 20030123; DE 50209631 D1 20070419; JP 2003033701 A 20030204; US 2003000465 A1 20030102; US 2004244073 A1 20041202; US 6726770 B2 20040427

DOCDB simple family (application)  
**EP 02013118 A 20020614**; AT 02013118 T 20020614; DE 10131680 A 20010629; DE 50209631 T 20020614; JP 2002150642 A 20020524; US 18436202 A 20020627; US 48128504 A 20040629