

Title (en)  
COATING DEVICE FOR WEBS

Publication  
**EP 0369441 B1 19930616 (DE)**

Application  
**EP 89121212 A 19891116**

Priority  
DE 3839100 A 19881118

Abstract (en)  
[origin: EP0369441A2] A device for applying a thin layer of a coating material (2) onto a web (4) running over a counterpressure roller (3) by means of a slot nozzle device (1) has a vertical nozzle box (5) with an upper nozzle slot (7) between an incoming (8) and an outgoing nozzle lip (9), and a laterally built on reservoir (6) for coating material (2). In order to keep the layer thickness the same and without coating defects and marginal thick spots as a function of the rate of operation and thickness fluctuations in the web (2), the reservoir (6) is attached to the nozzle box (5) in such a way that the liquid level of the coating material (2) in the reservoir (6) and in the nozzle box (5) is essentially the same. Furthermore, it is expedient to provide in the nozzle box (5) on the path of the coating material a driven bulk transport roller (10) mounted eccentrically in a roller chamber (11).  
<IMAGE>

IPC 1-7  
**B05C 3/18**; **B05C 5/02**

IPC 8 full level  
**B05C 1/08** (2006.01); **B05C 3/00** (2006.01); **B05C 3/18** (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP US)  
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**EP 0369441 A2 19900523**; **EP 0369441 A3 19910123**; **EP 0369441 B1 19930616**; AT E90596 T1 19930715; AU 4465189 A 19900524; AU 623450 B2 19920514; CA 2002844 A1 19900518; CA 2002844 C 20001010; DE 3839100 A1 19900523; DE 58904724 D1 19930722; FI 105534 B 20000915; FI 895402 A0 19891113; HK 8094 A 19940204; JP H02245261 A 19901001; JP H0624665 B2 19940406; TW 202398 B 19930321; US 5033403 A 19910723

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