

Title (en)  
METHOD AND APPLICATION DEVICE FOR APPLYING AN AQUEOUS TREATING SOLUTION TO THE SURFACE OF A MOVING SHEET

Title (de)  
VERFAHREN UND AUFTRAGSVORRICHTUNG ZUM AUFTRAGEN EINER WÄSSRIGEN BEHANDLUNGSLÖSUNG AUF DIE OBERFLÄCHE  
EINES BEWEGTEN BANDS

Title (fr)  
PROCÉDÉ ET DISPOSITIF D'APPLICATION D'UNE SOLUTION DE TRAITEMENT AQUEUSE SUR LA SURFACE D'UNE BANDE MOBILE

Publication  
**EP 3075878 B1 20180613 (DE)**

Application  
**EP 15196824 A 20151127**

Priority  
DE 102015104974 A 20150331

Abstract (en)  
[origin: US2016288152A1] A method for the application of an aqueous treatment solution to the surface of a strip which is moving at a preset trip speed, includes the following steps: spraying the aqueous treatment solution onto at least one rotating roll of a roll coater with a rotary sprayer having spray rotors disposed side by side in the longitudinal direction of the roll, to which the aqueous treatment solution is supplied and which are made to rotate by a spray rotor drive so that the treatment solution, driven by the centrifugal force, is sprayed in the form of a spray jet onto the surface of the roll; and applying the aqueous treatment solution to at least one surface of the strip by moving the strip past a rotating application roll of the roll coater, with the application roll transferring the aqueous treatment solution in the form of a wet film onto the surface of the strip. Additionally, related to the method, there are an application device having a roll coater and a rotary sprayer as well as to a system for carrying out the method.

IPC 8 full level  
**C23C 22/00** (2006.01); **B05C 1/08** (2006.01); **B05D 1/02** (2006.01); **B05D 1/28** (2006.01); **B05D 7/14** (2006.01); **C23C 22/73** (2006.01); **C23C 26/00** (2006.01); **B05C 9/04** (2006.01)

CPC (source: EP US)  
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