

Title (en)

Process and apparatus for continuously coating of a web

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Aufbringen einer Beschichtung auf eine Materialbahn

Title (fr)

Procédé et dispositif d'application en continu d'une enduction sur un matériau en bande

Publication

EP 0702109 A3 19970507 (DE)

Application

EP 95111729 A 19950726

Priority

DE 4433048 A 19940916

Abstract (en)

[origin: EP0702109A2] A coating (4) is continuously applied to a material line (3) with an elastic doctor blade (1) which is attached at one end (5) to a clamp (8) and which presses against the material (3) at the other end (9). The doctor blade (1) is vibrated for a pre-determined time at a pre-determined amplitude and frequency in the region between the clamp (8) and the application line, either at pre-determined time intervals, or whenever deposits on the doctor blade (1) cause changes in the surface of the coating (4).

IPC 1-7

D21H 25/10; **B05C 11/04**

IPC 8 full level

B05D 1/28 (2006.01); **B05C 1/08** (2006.01); **B05C 11/04** (2006.01); **B05D 3/00** (2006.01); **B05D 7/14** (2006.01); **D21H 25/10** (2006.01)

CPC (source: EP US)

B05C 11/041 (2013.01 - EP US); **D21H 25/10** (2013.01 - EP US)

Citation (search report)

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- [X] DE 2356737 A1 19750515 - JAGENBERG WERKE AG
- [X] GB 742761 A 19560104 - UNILEVER LTD
- [A] DE 3940450 A1 19910613 - VOITH GMBH J M [DE]
- [DA] US 1566358 A 19251222 - JOHN WHITE

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DOCDB simple family (publication)

EP 0702109 A2 19960320; **EP 0702109 A3 19970507**; DE 4433048 A1 19960321; FI 954317 A0 19950914; FI 954317 A 19960317; JP H08108124 A 19960430; US 5601868 A 19970211; US 5746833 A 19980505

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