

Title (en)

DEVICE FOR COATING PAPER OR CARDBOARD WEBS

Title (de)

VORRICHTUNG ZUM BESCHICHTEN VON PAPIER- ODER KARTONBAHNEN

Title (fr)

DISPOSITIF POUR ENDUIRE DES BANDES DE PAPIER OU DE CARTON

Publication

EP 2646169 B1 20170222 (DE)

Application

EP 11826108 A 20111114

Priority

- DE 102010052649 A 20101130
- EP 2011005726 W 20111114

Abstract (en)

[origin: WO2012072196A1] Devices are known for coating paper or cardboard webs (6), which devices have two rolls (1, 2) which are mounted in an axially parallel manner next to one another and form a nip (5), through which the paper or cardboard webs (6) are guided. An application and metering system (7, 8) serves to apply a metered film of coating material onto the roll surface, which application and metering system (7, 8) contains an application chamber (11) which is open towards the roll (1, 2), has a feed means (12) for coating material and is completed by the metering system on the roll outlet side. According to the invention, a doctor (22) which extends over the width of the application chamber and can be set against the roll (1, 2) as an acute doctor (22) is arranged at a spacing from the metering element (13). Coating material can be conducted against the roll surface both in front of and behind the doctor (22).

IPC 8 full level

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CPC (source: EP)

B05C 1/083 (2013.01); **B05C 11/041** (2013.01); **D21H 23/56** (2013.01)

Citation (examination)

- DE 3614582 A1 19871105 - WILL E C H GMBH & CO [DE]
- DE 19926956 A1 20001221 - BASF AG [DE]

Cited by

EP3842591A1; US11718961B2

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