

Title (en)

Apparatus for applying a liquid or pasty coating material onto a moving web, especially paper or board

Title (de)

Vorrichtung zum Auftragen von flüssigem oder pastösem Auftragsmedium auf eine laufende Materialbahn, insbesondere aus Papier oder Karton

Title (fr)

Appareil pour déposer un matériau d'enduction liquide ou pâteux sur une bande en mouvement, en particulier du papier ou du carton

Publication

EP 1382743 A3 20061115 (DE)

Application

EP 03101690 A 20030611

Priority

DE 10227815 A 20020621

Abstract (en)

[origin: EP1382743A2] A non-contact (14) assembly (10) applies a liquid or paste coating to a moving (L) and supported (20) paper or carton web (12). The support unit (20) is formed by an endless belt or sieve (18) and presents the moving web to the non-contact coating assembly (14). The non-contact assembly (14) is a spray application unit. The drier is e.g. an infra-red and/or air drier (16). The coating medium incorporates a binding agent and/or starch. Immediately prior to the coating process (14) the web (12) has a dry mass content of pref. 58%.

IPC 8 full level

D21H 23/46 (2006.01); **B05B 13/02** (2006.01); **B05C 5/00** (2006.01)

CPC (source: EP)

D21H 23/46 (2013.01); **B05B 13/0207** (2013.01); **B05C 5/005** (2013.01)

Citation (search report)

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EP1841917A4; WO2008092997A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1382743 A2 20040121; **EP 1382743 A3 20061115**; **EP 1382743 B1 20101222**; AT E492687 T1 20110115; DE 10227815 A1 20040108; DE 20221953 U1 20090820; DE 50313338 D1 20110203

DOCDB simple family (application)

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