

Title (en)

Apparatus and process for applying on both sides of a substrate a fluid or pasty medium with at least one coater on a traveling paper web, in particular of paper or cardboard, as well as a process useful in connection therewith for determining of surface related separate coatings

Title (de)

Maschine und Verfahren zum beidseitigen Auftragen eines flüssigen oder pastösen Auftragsmediums mittels wenigstens eines Auftragswerks auf eine laufende Materialbahn, insbesondere aus Papier oder Karton, sowie dabei verwendbares Verfahren zum Bestimmen von flächenbezogenen Einzelaufträgen

Title (fr)

Dispositif et procédé pour enduire deux faces d'une bande de matériau en mouvement avec un medium fluide ou pâteux, en particulier du papier ou du carton, ainsi qu'un procédé adapté lié pour déterminer des enductions séparées relatives à la surface

Publication

**EP 1559835 B1 20090408 (DE)**

Application

**EP 05100081 A 20050110**

Priority

DE 102004003226 A 20040122

Abstract (en)

[origin: EP1559835A1] The web coating applicator station (12) has applicators (12a,12b) flanking a moving web (10), of paper or cardboard, to apply a liquid or paste coating on both sides of it. Sensors (14,16) are linked to a decision unit (20,22) which determines the coating volume to be used to cover the web surfaces, using the differences in their signals for web gloss and/or whiteness. A delegation unit (K) gives the values to spread an even coating on both sides of the web.

IPC 8 full level

**D21H 23/78** (2006.01); **D21H 23/22** (2006.01)

CPC (source: EP)

**D21H 23/22** (2013.01); **D21H 23/78** (2013.01)

Cited by

WO2007110474A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

**EP 1559835 A1 20050803**; **EP 1559835 B1 20090408**; AT E428024 T1 20090415; DE 102004003226 A1 20050811; DE 502005007021 D1 20090520

DOCDB simple family (application)

**EP 05100081 A 20050110**; AT 05100081 T 20050110; DE 102004003226 A 20040122; DE 502005007021 T 20050110