

Title (en)

APPLICATION METHOD AND CURTAIN APPLICATOR UNIT

Title (de)

AUFTRAGSVERFAHREN SOWIE VORHANGAUFTRAGSWERK

Title (fr)

PROCÉDÉ D'APPLICATION ET ENSEMBLE D'APPLICATION À RIDEAUX

Publication

EP 2162583 A1 20100317 (DE)

Application

EP 08774119 A 20080618

Priority

- EP 2008057664 W 20080618
- DE 102007029646 A 20070626

Abstract (en)

[origin: WO2009000715A1] In a method for the simultaneous application of at least two application media to a moving material web, more particularly a paper or cardboard web, by means of a curtain applicator unit having a nozzle installation comprising at least two nozzles, a first nozzle delivers a first application medium and a second nozzle delivers a second application medium, the two application media being delivered, during normal operation, under the force of gravity, in the form of a multiple application curtain onto the moving material web, and the treatment of the material web with application medium being interrupted by means of a channel arrangement during standby operation. In standby operation, the channel arrangement or nozzle installation, or a guide plate, in particular a swivellable guide plate, is moved into a first position, in which only the first application medium passes from the first nozzle via the nozzle installation into the channel arrangement; the first application medium collected in the channel arrangement is passed back to the first nozzle, in particular via a first working vessel, to form a first closed circuit; and the second application medium is returned to the second nozzle via at least one bypass directly from the second nozzle, and in particular via a second working vessel, to form a second closed circuit.

IPC 8 full level

D21H 23/48 (2006.01); **B05C 5/00** (2006.01)

CPC (source: EP)

B05B 14/00 (2018.01); **B05C 5/008** (2013.01); **B05C 9/06** (2013.01); **B05C 11/10** (2013.01); **D21H 23/48** (2013.01); **Y02P 70/10** (2015.11)

Citation (search report)

See references of WO 2009000715A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

DE 102007029646 A1 20090108; CN 101688373 A 20100331; CN 101688373 B 20111116; EP 2162583 A1 20100317; JP 2010531223 A 20100924; WO 2009000715 A1 20081231

DOCDB simple family (application)

DE 102007029646 A 20070626; CN 200880022511 A 20080618; EP 08774119 A 20080618; EP 2008057664 W 20080618; JP 2010513852 A 20080618