

Title (en)
Method of and apparatus for deposition of at least two layers of coating colour onto the surface of a moving web, in particular a paper or cardboard web

Title (de)
Verfahren und Vorrichtung zum wenigstens zweischichtigen Auftrag von Streichfarbe auf die Oberfläche einer laufenden Bahn, insbesondere Papier- oder Kartonbahn

Title (fr)
Méthode et appareil pour le dépôt d'au moins deux couches de peinture sur la surface d'une bande continue, en particulier d'une bande continue de papier ou de carton

Publication
EP 1782891 A3 20080507 (DE)

Application
EP 06122981 A 20061026

Priority
JP 2005318582 A 20051101

Abstract (en)
[origin: EP1782891A2] The method involves displacement of the curtain coating heads (1a,1b) laterally towards the web. The offset-sensor (6) identifies a loop-offset of the web (w) and the position of the curtain coating heads in lateral direction is so controlled by the signals from offset-sensor, that the loop-offset of the curtain coating heads corresponds with the loop-offset of the web. An independent claim is also included for the device for double layer color coating.

IPC 8 full level
B05C 5/00 (2006.01)

CPC (source: EP)
B05C 5/005 (2013.01); **B05C 9/06** (2013.01)

Citation (search report)
• [A] EP 1475162 A2 20041110 - VOITH PAPER PATENT GMBH [DE]
• [A] GB 1321474 A 19730627 - BRITISH IRON STEEL RESEARCH
• [A] DE 19631888 A1 19980212 - VOITH SULZER PAPIERMASCH GMBH [DE]
• [A] US 2003054107 A1 20030320 - TRABOLD THOMAS A [US], et al

Cited by
DE102007000782A1; DE102007000781A1; WO2018030944A1

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
EP 1782891 A2 20070509; EP 1782891 A3 20080507; EP 1782891 B1 20090916; AT E442913 T1 20091015; DE 502006004846 D1 20091029; JP 2007125464 A 20070524; JP 4902984 B2 20120321

DOCDB simple family (application)
EP 06122981 A 20061026; AT 06122981 T 20061026; DE 502006004846 T 20061026; JP 2005318582 A 20051101