

Title (en)

DEVICE FOR COATING WEB-SHAPED MATERIALS

Title (de)

VORRICHTUNG ZUM BESCHICHTEN VON BAHNFÖRMIGEN MATERIALIEN

Title (fr)

DISPOSITIF POUR REVÊTIR DES MATÉRIAUX EN FORME DE BANDE

Publication

EP 2217384 A1 20100818 (DE)

Application

EP 09768330 A 20091130

Priority

- EP 2009008505 W 20091130
- DE 202008016098 U 20081205

Abstract (en)

[origin: WO2010063429A1] The invention relates to a device (1) for coating web-shaped materials with a coating medium. The device (1) comprises a rotating transfer roller (3) having depressions on the lateral surface (5) thereof for transferring the coating medium, a coating chamber (12), and a nozzle carrier (14) having a plurality of bores (15, 15') located upstream of the coating chamber (12) in the movement direction of the transfer roller (3). Coating medium streams from said bores (15, 15') in a free jet. Said device (1) provides an even and reproducible coating of the web with different coating thicknesses.

IPC 8 full level

B05C 1/08 (2006.01)

CPC (source: EP KR US)

B05C 1/00 (2013.01 - KR); **B05C 1/08** (2013.01 - KR); **B05C 1/0817** (2013.01 - EP KR US); **B05C 11/00** (2013.01 - KR); **B05C 11/10** (2013.01 - KR); **Y10S 118/15** (2013.01 - KR)

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 MK MT NL NO PL PT RO SE SI SK SM TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 202008016098 U1 20090305; EP 2217384 A1 20100818; EP 2217384 B1 20120829; ES 2394300 T3 20130130; JP 2012510889 A 20120517; JP 5596700 B2 20140924; KR 101628862 B1 20160609; KR 20110091435 A 20110811; US 2011048318 A1 20110303; US 8424482 B2 20130423; WO 2010063429 A1 20100610

DOCDB simple family (application)

DE 202008016098 U 20081205; EP 09768330 A 20091130; EP 2009008505 W 20091130; ES 09768330 T 20091130; JP 2011538887 A 20091130; KR 20107016512 A 20091130; US 74647209 A 20091130