

Title (en)  
SPRAYING MODULE FOR SPRAYING THE OUTER SURFACE OF A ROTATING CYLINDER

Title (de)  
SPRÜHMODUL ZUM BESPRÜHEN EINER MANTELFLÄCHE EINES ROTIERENDEN ZYLINDERS

Title (fr)  
MODULE DE PULVÉRISATION SUR UNE SURFACE LATÉRALE D'UN CYLINDRE EN ROTATION

Publication  
**EP 2393662 B1 20130410 (DE)**

Application  
**EP 09768822 A 20090618**

Priority  
• DE 2009000838 W 20090618  
• DE 102008030779 A 20080628

Abstract (en)  
[origin: WO2009155898A2] The invention relates to a spraying module for spraying the outer surface of a rotating cylinder or roller, for example a printing cylinder of a rotary press, with a liquid mist by means of spray nozzles, wherein the spray direction of the spray nozzle lies in a range, relative to the horizontal, for a spray jet directional angle of 30° to 150°.

IPC 8 full level  
**B41F 7/30** (2006.01); **B05B 12/36** (2018.01); **B41F 31/28** (2006.01)

CPC (source: EP US)  
**B05B 12/36** (2018.01 - EP US); **B41F 7/30** (2013.01 - EP US); **B05B 14/00** (2018.01 - EP US); **B05B 15/658** (2018.01 - EP US); **B41F 31/28** (2013.01 - US); **B41P 2235/26** (2013.01 - EP US)

Cited by  
CN112892928A

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 TR

DOCDB simple family (publication)  
**DE 102008030779 A1 20091231**; CN 102112313 A 20110629; CN 102112313 B 20130612; DE 112009002142 A5 20110526; EP 2393662 A2 20111214; EP 2393662 B1 20130410; US 2011095098 A1 20110428; US 9067403 B2 20150630; WO 2009155898 A2 20091230; WO 2009155898 A3 20100318; WO 2009155898 A4 20100514

DOCDB simple family (application)  
**DE 102008030779 A 20080628**; CN 200980124835 A 20090618; DE 112009002142 T 20090618; DE 2009000838 W 20090618; EP 09768822 A 20090618; US 200913001502 A 20090618