

Title (en)

SPRAYING DEVICE FOR SPRAYING A LIQUID PRODUCT ONTO A PAPER WEB

Title (de)

SPRITZVORRICHTUNG ZUM VERSPRÜHEN EINES FLÜSSIGEN PRODUKTS AUF EINEM PAPIERBOGEN

Title (fr)

DISPOSITIF DE PULVERISATION PERMETTANT DE PULVERISER UN PRODUIT LIQUIDE SUR UNE FEUILLE DE PAPIER

Publication

EP 2985386 B1 20170405 (EN)

Application

EP 15002387 A 20150811

Priority

- EP 14380022 A 20140811
- EP 15002387 A 20150811

Abstract (en)

[origin: EP2985385A1] The spraying device for spraying a liquid product onto a paper sheet comprises spraying nozzles (1) connected to a liquid product supply source and arranged in a spray chamber (3) to spray the liquid product onto a moving paper sheet web (2) guided by guide rollers (6), where the spray chamber (3) is delimited in part by the moving paper sheet web (2), and at least one of the guide rollers (6) is located inside the spray chamber (3). In one embodiment, the spraying nozzles (1) are arranged in a rotary support (7) including a tubular wall (7a) with a longitudinal opening (4), and the spray chamber (3) is delimited only by sections of the paper sheet web (2), portions of the tubular wall (7a) adjacent to the longitudinal opening (4), and side walls (5).

IPC 8 full level

D21H 23/50 (2006.01)

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Cited by

CN112676055A; CN108355868A; CN116334953A

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