

Title (en)

FLUID APPLICATION DEVICE HAVING A FLOW DISTRIBUTING CHANNEL

Title (de)

FLUIDAUFTRAGUNGSVORRICHTUNG MIT MODULARER KONTAKTDÜSE MIT EINEM FLUIDISCHEN OSZILLATOR

Title (fr)

DISPOSITIF D'APPLICATION DE FLUIDE PRÉSENTANT UNE BUSE DE CONTACT MODULAIRE À OSCILLATEUR FLUIDIQUE

Publication

EP 3703864 B1 20240522 (EN)

Application

EP 18804774 A 20181029

Priority

- US 201715800878 A 20171101
- US 2018057960 W 20181029

Abstract (en)

[origin: WO2019089436A1] A fluid application device (10) includes an applicator head (16) and a nozzle assembly (22) fluidically coupled to the applicator head. The nozzle assembly includes a first conduit (430) configured to receive a first fluid from the applicator head, the first conduit having a first inlet configured to receive the first fluid and a flow-distributing channel (431) downstream from, and in fluid communication with the fluid inlet, the flow-distributing channel configured to direct the first fluid in a lateral direction. The nozzle assembly further includes an application conduit (436) having a first fluid receiving section configured to receive the first fluid from the flow-distributing channel, and an orifice (428) fluidically connected to the application conduit, the orifice configured to discharge the first fluid for application onto a strand of material.

IPC 8 full level

B05B 1/08 (2006.01); **B05C 5/02** (2006.01); **B05C 9/00** (2006.01)

CPC (source: EP)

B05B 1/08 (2013.01); **B05C 5/0241** (2013.01); **B05C 5/027** (2013.01); **B05C 5/0225** (2013.01)

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DOCDB simple family (publication)

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