

Title (en)

CURTAIN NOZZLE FOR COATING A SUBSTRATE HAVING ADJUSTABLE GAP WIDTH

Title (de)

VORHANGDÜSE ZUM BESCHICHTEN EINES SUBSTRATS MIT VERSTELLBARER SPALTBREITE

Title (fr)

BUSE À RIDEAU POUR LE REVÊTEMENT D'UN SUBSTRAT, PRÉSENTANT UNE LARGEUR DE FENTE RÉGLABLE

Publication

EP 3377233 A1 20180926 (DE)

Application

EP 16805320 A 20161115

Priority

- DE 102015119818 A 20151117
- EP 2016077680 W 20161115

Abstract (en)

[origin: WO2017085045A1] The invention relates to a curtain nozzle (1) for coating a substrate with a coating agent, comprising a first nozzle block (2), a second nozzle block (3) and a lip (4) arranged between the two nozzle blocks (2, 3), wherein a gap-like outlet opening (5) is provided adjacent to the lip (4), from which the coating agent emerges during operation. Multiple actuators (10) are arranged along the gap-like outlet opening (5) in order to set the gap width, via which the gap width of the outlet opening (5) can be varied. The lip (4) is arranged between the two nozzle blocks (2, 3) and is secured to one of the nozzle blocks (2, 3), wherein same can be moved back and forth in the direction (B) of the gap width, at least in the region of the outlet opening (5) between the two nozzle blocks (2, 3).

IPC 8 full level

B05C 5/00 (2006.01); **B05C 5/02** (2006.01)

CPC (source: EP)

B05C 5/005 (2013.01); **B05C 5/0262** (2013.01)

Citation (search report)

See references of WO 2017085045A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

DE 102015119818 A1 20170518; EP 3377233 A1 20180926; WO 2017085045 A1 20170526

DOCDB simple family (application)

DE 102015119818 A 20151117; EP 16805320 A 20161115; EP 2016077680 W 20161115