

Title (en)

DEVICE AND METHOD FOR PROCESSING SHEAR-SENSITIVE COATING COMPOUNDS

Title (de)

VORRICHTUNG UND VERFAHREN ZUR VERARBEITUNG SCHERSENSIBLER BESCHICHTUNGSMASSEN

Title (fr)

DISPOSITIF ET PROCÉDÉ DE TRAITEMENT DE MATIÈRES DE REVÊTEMENT SENSIBLES AU CISAILEMENT

Publication

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Application

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Abstract (en)

[origin: WO2020025349A1] The invention relates to a device for processing shear-sensitive coating compounds (100), with a transfer roll (1) and a doctor blade (2), in particular a comma bar, which are spaced apart from one another to form a coating gap (3), wherein the device also has an outlet nozzle (4) for the metering of a coating compound (100), wherein the outlet nozzle (4) is facing with its nozzle opening (5) a lower gap opening (6) of the coating gap (3), wherein the device has a forced conveying system (7), by means of which a coating compound (100) is metered into the coating gap (3), wherein the transfer roll (1) and the doctor blade (2) are arranged next to one another, and so the coating gap (3) can be passed through in the vertical direction (z), wherein the coating gap (3) is between 30 and 400 µm and the outlet nozzle (4) is an outlet of a jetting chamber (8), which is arranged underneath the coating gap (3). A corresponding method is also described.

IPC 8 full level

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