

Title (en)

DEVICE FOR FEEDING LIQUID PAINT TO A MELT FLOW OF MOLTEN POLYMER

Title (de)

VORRICHTUNG ZUR EINSPEISUNG VON FLÜSSIGER FARBE IN EINEN SCHMELZESTROM SCHMELZEFLÜSSIGEN POLYMERS

Title (fr)

DISPOSITIF D'INJECTION DE PIGMENT LIQUIDE DANS UN FLUX FONDU DE POLYMÈRE LIQUIDE EN FUSION

Publication

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Application

EP 19710676 A 20190312

Priority

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Abstract (en)

[origin: WO2019175142A1] The invention relates to a device for feeding liquid paint and/or liquid additive to a melt flow of molten polymer. A feed lance is used for this purpose, having a paint channel for supplying the liquid paint and/or the liquid additive, wherein an outlet of the paint channel is designed as a paint nozzle. In such devices, changing over between different paints or a paint-free production for example is problematic. Waste is produced in said changeover processes. According to the invention, a paint change is carried out in a particularly fast and frictionless manner in that the paint nozzle can be closed from the outside such that the inflow of the liquid paint and/or the liquid additive into the melt flow is interrupted.

IPC 8 full level

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Citation (search report)

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