

Title (en)

METHOD FOR OPERATING A SURFACE TREATMENT INSTALLATION AND DEVICE FOR SEPARATING OUT OVERSPRAY

Title (de)

VERFAHREN ZUM BETREIBEN EINER OBERFLÄCHENBEHANDLUNGSANLAGE UND VORRICHTUNG ZUM ABSCHIEDEN VON OVERSPRAY

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UNE INSTALLATION DE TRAITEMENT DE SURFACE ET DISPOSITIF POUR SÉPARER UNE PERTE DE PEINTURE À LA PULVÉRISATION

Publication

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Application

EP 17701489 A 20170125

Priority

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- EP 2017051540 W 20170125

Abstract (en)

[origin: WO2017140469A1] In a method for operating a surface treatment installation (12), overspray that occurs in one or more coating booths (10) is taken up by a booth air stream. Booth air laden with overspray is conducted to at least one separating unit (38), in which overspray is separated out. The booth air laden with overspray or the booth air free of overspray is fed a solidifying material (50) on its flow path to at least one separating unit (38) and/or the booth air laden with overspray or the booth air free of overspray is fed a solidifying material (50) in the interior (56) of at least one separating unit (38) and/or overspray that has already been deposited in at least one separating unit (38) is fed a solidifying material (50) and/or the at least one separating unit (38) is fed a solidifying material (50) before the separating unit (38) is functionally fitted in the surface treatment installation (12), wherein the solidifying material (50) has the effect that a curing process in the overspray is initiated or assisted. Also provided is a device for separating out overspray from the booth air laden with overspray of surface treatment installations (12), in particular of painting installations. Booth air laden with overspray can be passed through at least one separating unit (38), in which overspray is deposited. There is a solidifying material feeding device (48.1), by means of which the booth air laden with overspray can be fed a solidifying material (50) on its flow path to at least one separating unit (38) and/or the booth air laden with overspray can be fed a solidifying material (50) in the interior (56) of at least one separating unit (38) and/or overspray that has already been deposited in at least one separating unit (38) can be fed a solidifying material (50), wherein the solidifying material has the effect that a curing process in the overspray is initiated or assisted.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017140469A1

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