

Title (en)  
FILTER MODULE AND USE OF A FILTER MODULE TO SEPARATE LACQUER AND/OR PAINT RESIDUES, IN PARTICULAR OVERSPRAY IN A PAINT BOOTH

Title (de)  
FILTERMODUL UND VERWENDUNG EINES FILTERMODULS ZUR ABSCHIEDUNG VON LACK- UND/ODER FARBRESTEN, INSBESONDERE VON OVERSPRAY IN EINER LACKIERKABINE

Title (fr)  
MODULE FILTRANT ET UTILISATION D'UN MODULE FILTRANT POUR LA SÉPARATION DE RÉSIDUS DE VERNIS ET/OU DE PEINTURE, EN PARTICULIER D'UN EXCÈS DE PULVÉRISATION, DANS UNE CABINE DE PEINTURE

Publication  
**EP 4267313 A1 20231101 (DE)**

Application  
**EP 21843955 A 20211221**

Priority  
• EP 20217023 A 20201223  
• EP 2021087107 W 20211221

Abstract (en)  
[origin: WO2022136444A1] A filter module (1) having an inflow side (I) and an outflow side (O) for separating lacquer and/or paint residues, in particular overspray in a paint booth (200), wherein the filter module (1) has an arrangement made up of a plurality of filter plates (2, 7, 8, 21) which are connected irreversibly together within the filter module (1) by a guide structure (3) and are mutually spaced apart, wherein the guide structure (3), in the form of guide slots for spacing the filter plates (2, 7, 8, 21) apart from one another, is arranged in a materially bonded manner on the wall of a housing case (4) which is open at its ends, and wherein two opposite walls of the housing case (4) each have a guide structure (3) in the form of the guide slots, and the use thereof in a paint booth, and a method for the thermal and/or chemical regeneration of the filter module.

IPC 8 full level  
**B05B 14/00** (2018.01)

CPC (source: EP)  
**B05B 14/43** (2018.01)

Citation (search report)  
See references of WO 2022136444A1

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**EP 20217023 A 20201223**; EP 2021087107 W 20211221; EP 21843955 A 20211221