

Title (en)  
NEBULISER AND ASSOCIATED OPERATING METHOD

Title (de)  
ZERSTÄUBER UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)  
NÉBULISEUR ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

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Application  
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Abstract (en)  
[origin: WO2021094278A1] The invention relates to a nebuliser (1) for the application of a multicomponent coating, having a base connection (4), a curing agent connection (7), a mixer (11), a curing agent line (12) which leads in the nebuliser (1) from the curing agent connection (7) to the mixer (11), a base line (10) which leads in the nebuliser (1) from the base connection (4) to the mixer (11), and a main valve (HN1) for controlling the dispensing of the coating, wherein the main valve (HN1) is arranged downstream of the mixer (11) and controls the flow of the multicomponent coating to an application element (3), more particularly to a rotatable bell plate (3). The nebuliser (1) according to the invention is characterised by a first return line connection (22) for returning the multicomponent coating from the nebuliser (1) to a return. To this end, the nebuliser (1) has a first return line (23) which in the nebuliser (1) branches off between the mixer (11) and the main valve (HN1) and leads into the first return connection (22). The invention further relates to a corresponding operating method.

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