Title (en)
APPLICATION ELEMENT FOR A ROTARY SPRAYER AND ASSOCIATED OPERATING METHOD

Title (de)
APPLIKATIONSELEMENT FÜR EINEN ROTATIONSZERSTÄUBER UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)
ÉLÉMENT D'APPLICATION POUR UN PULVÉRISATEUR ROTATIF ET PROCÉDÉ DE FONCTIONNEMENT ASSOCIÉ

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Application
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Abstract (en)
[origin: US2009212122A1] The invention relates to an application element (1) for a rotary sprayer, in particular in the form of a bell-shaped plate or a rotary disc, with an overflow surface (8) which, during the coating operation, rotates together with the application element (1) and is overflowed by a coating agent to be applied, and with a surface layer which is located on the overflow surface (8) and on which a thin coating agent film forms with a certain film thickness during operation, wherein boundary surface friction acts between the coating agent film and the surface layer. It is proposed that the surface layer reduces the boundary surface friction between the coating agent film and the overflow surface (8). Furthermore, the invention comprises an associated operating method.

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Cited by
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