

Title (en)  
ROTATING PROJECTOR AND METHOD FOR SPRAYING A COATING PRODUCT

Title (de)  
ROTIERENDER ZERSTÄUBER UND VERFAHREN ZUM SPRÜHEN VON BESCHICHTUNGSMITTELN

Title (fr)  
PROJECTEUR ROTATIF ET METHODE DE PULVERISATION D'UN PRODUIT DE REVETEMENT

Publication  
**EP 2836309 B1 20171213 (FR)**

Application  
**EP 13715247 A 20130412**

Priority  
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• EP 2013057699 W 20130412

Abstract (en)  
[origin: WO2013153205A1] Said rotating projector (10) for a coating product includes a spraying device (20) having at least one circular spraying edge (23), the driving means for driving the spraying device around a rotational axis (X30), a body (30) which includes primary openings (34) arranged on a primary contour surrounding the rotation axis and intended for ejecting the primary air jets (J34) in a primary direction ( $\Delta 34$ ) having, with respect to the rotational axis, an axial component (A34) and an orthoradial component which are not equal to zero. The primary direction ( $\Delta 34$ ) has a radial component (R34), which is not equal to zero and centrifugal relative to the rotation axis (X30), and each primary jet (J34) extends, at the spraying edge (23) along the rotational axis (X30), at a distance (d34) from the rotational axis, which is strictly greater than the radius (R20) of the spraying edge. The body (30) includes secondary openings (36) arranged on a secondary contour and used for ejecting the secondary air jets (J36) in a secondary direction ( $\Delta 36$ ) having the axial components (A36) and a centripetal radial component (R36), such that the secondary jets (J36) hit an external surface (24) of the spraying device. The primary contours and the secondary contours coincide with a circle (C30) centered about the rotation axis.

IPC 8 full level  
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