

Title (en)
ROTARY SPRAY DEVICE AND METHOD OF SPRAYING COATING PRODUCT USING SUCH A ROTARY SPRAY DEVICE

Title (de)
ROTIERENDER ZERSTÄUBER UND ZERSTÄUBUNGSVERFAHREN EINES BESCHICHTUNGSMATERIALS MIT DIESEM ZERSTÄUBER

Title (fr)
PROJECTEUR ROTATIF ET PROCÉDÉ DE PROJECTION DE PRODUIT DE REVÊTEMENT METTANT EN OEUVRE UN TEL PROJECTEUR ROTATIF

Publication
EP 2328689 B1 20140226 (FR)

Application
EP 09753160 A 20090930

Priority
• FR 2009051859 W 20090930
• FR 0856607 A 20080930

Abstract (en)
[origin: WO2010037972A1] This rotary device for spraying coating product comprises:- a spray member (1) having an edge (12) and able to form a jet of coating product, - means of driving the rotation of the spray member (1) and - a body (2) which is fixed and which comprises: primary orifices arranged on a primary outline (C4) surrounding the axis of rotation (Xi) and intended to eject a primary air jet in a primary direction, secondary orifices arranged on a secondary outline (C6) surrounding the axis of rotation (Xi) and intended to eject a secondary air jet in a secondary direction. The respective orientations of each primary direction and of each secondary direction and the respective positions of each primary orifice and of each secondary orifice cause combined jets (J46) to be formed, each of these resulting from the intersection between a primary air jet and a secondary air jet that are associated with one another, the region of intersection lying upstream of the edge (12).

IPC 8 full level
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B05B 3/1014 (2013.01 - KR); **B05B 3/1092** (2013.01 - EP KR US); **B05B 5/0407** (2013.01 - KR); **B05B 5/0426** (2013.01 - KR); **B05B 3/1014** (2013.01 - EP US); **B05B 5/0407** (2013.01 - EP US); **B05B 5/0426** (2013.01 - EP US); **Y10S 239/14** (2013.01 - EP US)

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