

Title (en)  
Spray bell and rotary sprayer

Title (de)  
Glockenteller und Rotationszerstäuber

Title (fr)  
Bol de pulvérisation et pulvérisateur rotatif

Publication  
**EP 1250960 A2 20021023 (DE)**

Application  
**EP 02007858 A 20020408**

Priority  
DE 10118741 A 20010417

Abstract (en)  
The bell plate has a rotary-symmetrical outer surface (10), which increase in size towards the spray edge (13), and is concave in the area next to the edge. A section of the outer surface containing the rotary axis, is curved inwards in a circular, elliptical, parabolic, or hyperbolic manner. Steering air (6) is directed from the atomizer mainly to an area of the outer bell surface located within the concave section.

Abstract (de)  
Die Glockenaußenfläche (10) des Glockentellers eines Rotationszerstäubers zum Beschichtung von Werkstücken ist bis zur Absprühkante (13) konkav geformt. <IMAGE>

IPC 1-7  
**B05B 3/10**; **B05B 5/04**

IPC 8 full level  
**B05B 5/04** (2006.01); **B05B 7/08** (2006.01)

CPC (source: EP)  
**B05B 5/0407** (2013.01); **B05B 5/0426** (2013.01)

Cited by  
WO2008068005A1; CN112044611A; US8602326B2; WO2009005915A1; US8827181B2; DE102008027997A1; US8881672B2; EP2170525B1

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)  
**EP 1250960 A2 20021023**; **EP 1250960 A3 20050413**; DE 10118741 A1 20021024

DOCDB simple family (application)  
**EP 02007858 A 20020408**; DE 10118741 A 20010417