

Title (en)
Spray bell for rotary sprayers

Title (de)
Glockenteller für Rotationzerstäuber

Title (fr)
Cloche de pulvérisateur rotatif

Publication
EP 1481733 A3 20060222 (DE)

Application
EP 04012245 A 20040524

Priority
DE 10324074 A 20030527

Abstract (en)
[origin: EP1481733A2] The bell plate (1) for the coating of workpieces has an electrode (12) as a channel electrode protruding into the coating medium channel (11). The channel electrode is a needle electrode. Several electrodes may all protrude into the coating medium channel and distributed around the circumference with regard to the rotational axis (5) of the bell plate. The channel electrode is orientated at least partially against the direction of flow in the coating medium channel. An independent claim is included for a rotating atomizer with the aforesaid bell plate.

IPC 8 full level
B05B 5/04 (2006.01)

CPC (source: EP)
B05B 3/1064 (2013.01); **B05B 5/0407** (2013.01); **B05B 5/0418** (2013.01)

Citation (search report)

- [XY] US 5397063 A 19950314 - WEINSTEIN RICHARD [US]
- [XY] US 2002083893 A1 20020704 - REICHLER JAN [DE]
- [A] US 4324361 A 19820413 - MOOS KURT, et al
- [A] DE 3731530 A1 19880519 - BENEDEK GYOERGY [HU]

Cited by
US7942110B2; WO2006128811A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1481733 A2 20041201; EP 1481733 A3 20060222; EP 1481733 B1 20080702; AT E399596 T1 20080715; DE 10324074 A1 20041230; DE 10324074 B4 20060126; DE 502004007473 D1 20080814; ES 2309419 T3 20081216

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