

Title (en)  
ELECTRODE ASSEMBLY FOR AN ELECTROSTATIC ATOMIZER

Title (de)  
ELEKTRODENANORDNUNG FÜR EINEN ELEKTROSTATISCHEN ZERSTÄUBER

Title (fr)  
ENSEMBLE D'ÉLECTRODES POUR UN PULVÉRISATEUR ÉLECTROSTATIQUE

Publication  
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Application  
**EP 10709704 A 20100319**

Priority

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Abstract (en)  
[origin: WO2010105849A1] The invention relates to an electrode assembly for an electrostatic atomizer, in particular for a rotation atomizer, having an electrode holder arrangement (101) for holding at least one electrode (108) creating an electrostatic field about a symmetrical axis (105), wherein there is a dielectric material for influencing a discharge current component extending in the direction of the symmetrical axis.

IPC 8 full level  
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Citation (opposition)  
Opponent :

- DE 69824908 T2 20050825 - NORDSON CORP [US]
- DE 69623768 T2 20030814 - NORDSON CORP [US]
- US 7070130 B1 20060704 - MINKO PETER [DE]
- EP 1224981 A2 20020724 - ILLINOIS TOOL WORKS [US]
- DE 102005000983 A1 20060720 - FRAUNHOFER GES FORSCHUNG [DE]
- DE 202006015967 U1 20070104 - KOLB FERTIGUNGSTECHNIK GMBH W [DE]
- WO 2008150790 A1 20081211 - NORDSON CORP [US], et al
- US 4589597 A 19860520 - ROBISCH HERMAN [US], et al

Cited by  
WO2023036679A1

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