

Title (en)

WET ELECTROSTATIC IONISING STEP IN AN ELECTROSTATIC DEPOSITION DEVICE

Title (de)

NASSELEKTROSTATISCHE IONISIERUNGSSTUFE IN EINER ELEKTROSTATISCHEN ABSCHIEDEEINRICHTUNG

Title (fr)

ETAGE D'IONISATION ELECTROSTATIQUE EN VOIE HUMIDE DANS UN DISPOSITIF DE SEPARATION ELECTROSTATIQUE

Publication

**EP 1883477 A1 20080206 (DE)**

Application

**EP 06723372 A 20060311**

Priority

- EP 2006002260 W 20060311
- DE 102005023521 A 20050521

Abstract (en)

[origin: DE102005023521B3] A wet electrostatic ionizing step in electrostatic separation of particle from aerosols or gases comprises an earth plate (4) across a flow channel having through holes (3) and spaced from a high voltage grid (5) from which rod electrodes (1) with disc ends (2) extend to the holes that have thin sheaths (7) perpendicular to the plate.

IPC 8 full level

**B03C 3/41** (2006.01); **B03C 3/017** (2006.01); **B03C 3/06** (2006.01)

CPC (source: EP KR US)

**B03C 3/017** (2013.01 - EP KR US); **B03C 3/06** (2013.01 - EP KR US); **B03C 3/09** (2013.01 - EP US); **B03C 3/12** (2013.01 - EP US); **B03C 3/16** (2013.01 - EP US); **B03C 3/41** (2013.01 - EP KR US); **B03C 2201/10** (2013.01 - EP US); **Y10S 55/38** (2013.01 - EP US)

Citation (search report)

See references of WO 2006125485A1

Citation (examination)

- JP 2000189839 A 20000711 - OMI KOGYO KK
- JP H0683062 U 19941129
- JP S60124647 U 19850822
- DE 2134576 A1 19730125 - METALLGESELLSCHAFT AG

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**DE 102005023521 A 20050521**; CN 200680017495 A 20060311; EP 06723372 A 20060311; EP 2006002260 W 20060311; JP 2008512704 A 20060311; KR 20077027085 A 20071121; US 91487506 A 20060311