

Title (en)

SPRAYING ELECTRODE FOR ELECTROSTATIC SEPARATORS FORMED BY A SUPPORT WITH A FABRIC ON ITS OUTER SIDE, AND USE OF THE SPRAYING ELECTRODE

Title (de)

SPRÜHELEKTRODE FÜR ELEKTROSTATISCHE ABSCHIEDER, DIE AUS EINEM TRÄGER BESTEHT, AUF DESSEN AUSSENSEITE EIN GEWEBE ANGEORDNET IST, SOWIE VERWENDUNG DER SPRÜHELEKTRODE

Title (fr)

ELECTRODE DE PULVERISATION POUR SEPARATEURS ELECTROSTATIQUES CONSTITUEE D'UN SUPPORT POURVU D'UN TISSU SUR SA FACE EXTERIEURE, ET UTILISATION DE L'ELECTRODE DE PULVERISATION

Publication

**EP 0713425 A1 19960529 (DE)**

Application

**EP 94924741 A 19940712**

Priority

- DE 4326895 A 19930811
- EP 9402275 W 19940712

Abstract (en)

[origin: US5792243A] PCT No. PCT/EP94/02275 Sec. 371 Date Apr. 1, 1996 Sec. 102(e) Date Apr. 1, 1996 PCT Filed Jul. 12, 1994 PCT Pub. No. WO95/04601 PCT Pub. Date Feb. 16, 1995A discharge electrode for electrostatic precipitators has a support composed of an electrically non-conductive material, a fabric composed of crossed and twisted threads and disposed on an exterior of the support, the support having an upper end and a lower end, and further comprising an additional layer of a synthetic elastomer which covers at least one of the ends over a length of 400-600 mm. Also, an electrostatic precipitator for treatment of exhaust gasses containing SO<sub>2</sub>, SO<sub>3</sub>, HF or HCL is proposed with the new discharge electrode.

IPC 1-7

**B03C 3/41**; **B03C 3/60**

IPC 8 full level

**B03C 3/41** (2006.01); **B03C 3/64** (2006.01)

CPC (source: EP US)

**B03C 3/41** (2013.01 - EP US); **B03C 3/64** (2013.01 - EP US)

Citation (search report)

See references of WO 9504601A1

Designated contracting state (EPC)

CH DE IT LI NL

DOCDB simple family (publication)

**US 5792243 A 19980811**; DE 4326895 C1 19940825; EP 0713425 A1 19960529; WO 9504601 A1 19950216

DOCDB simple family (application)

**US 60275196 A 19960401**; DE 4326895 A 19930811; EP 9402275 W 19940712; EP 94924741 A 19940712