

Title (en)

Holder for an electrode, and electrostatic fine dust filter system having this holder

Title (de)

Halterung für eine Elektrode und elektrostatische Feinstaubfilteranlage mit dieser Halterung

Title (fr)

Support pour une électrode et installation de filtrage de poussières électrostatiques fines comprenant ce support

Publication

**EP 2712678 B1 20150715 (DE)**

Application

**EP 13197531 A 20101118**

Priority

- CH 17722009 A 20091118
- EP 10785318 A 20101118

Abstract (en)

[origin: WO2011060562A1] The invention relates to a retainer for an electrostatic high-voltage electrode (13), containing a high-voltage insulator (31), on the electrode side of the insulator (31) at least one arm (15, 16, 17, 18) having a retaining means (27) for retaining a high-voltage electrode hanging on the retaining means (27) preferably vertically, and on the installation side of the insulator (31) at least one installation means for installing the retainer at an installation point (40) outside an exhaust gas channel (9) of a chimney. Said retainer is characterized in that the retainer is equipped with at least one restoring element (43, 55, 56, 57, 59), which forms an articulated connection between the at least one installation means and the retaining means (27) and which allows the retaining means and optionally a high-voltage electrode attached thereto to move out of the way from the operating position during cleaning in the exhaust gas channel (9) with a cleaning device and allows an automatic return to the operating position.

IPC 8 full level

**B03C 3/86** (2006.01); **B03C 3/41** (2006.01); **B03C 3/49** (2006.01)

CPC (source: EP US)

**B03C 3/41** (2013.01 - EP US); **B03C 3/49** (2013.01 - US); **B03C 3/86** (2013.01 - EP US); **B03C 2201/08** (2013.01 - EP US); **B03C 2201/10** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011060562 A1 20110526**; CA 2816926 A1 20110526; CA 2816926 C 20180130; CA 2966896 A1 20110526; CA 2966896 C 20180710; CH 702246 A1 20110531; DK 2501480 T3 20141110; DK 2712678 T3 20150928; EP 2501480 A1 20120926; EP 2501480 B1 20140813; EP 2712678 A2 20140402; EP 2712678 A3 20140528; EP 2712678 B1 20150715; PL 2501480 T3 20150331; PL 2712678 T3 20160129; US 2014083297 A1 20140327; US 9333513 B2 20160510

DOCDB simple family (application)

**CH 2010000291 W 20101118**; CA 2816926 A 20101118; CA 2966896 A 20101118; CH 17722009 A 20091118; DK 10785318 T 20101118; DK 13197531 T 20101118; EP 10785318 A 20101118; EP 13197531 A 20101118; PL 10785318 T 20101118; PL 13197531 T 20101118; US 201013988486 A 20101118