

Title (en)

Device for the contactless removal of electrostatic charge from a double-charge layer

Title (de)

Vorrichtung zur kontaktlosen Beseitigung einer elektrostatischen Doppelladungsschicht

Title (fr)

Appareil de décharge sans contact d'électricité statique d'une couche à double charge

Publication

**EP 1802178 B1 20190522 (DE)**

Application

**EP 06118255 A 20060801**

Priority

- DE 102005061332 A 20051221
- DE 202006009823 U 20060623

Abstract (en)

[origin: DE202006009823U1] The device (10) for contactless removal of an electrostatic electrical double layer from a flat electrically insulating material (11) has a contactless compensating device (16-19) for the feed of charge particles to the flat material in a first region for compensation of the charges at least in one layer plane of the double layer, an electrically conducting element (13) for forming an electrical near field in a second region, and a field strength measuring device (15) allocated to the second region. The compensating unit on the input side is connected to the field strength measuring device.

IPC 8 full level

**H05F 3/04** (2006.01)

CPC (source: EP)

**H05F 3/04** (2013.01)

Cited by

CN113406708A; DE102007049529A1; CN103222086A; US8064184B2; WO2012065695A3

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**DE 202006009823 U1 20061116**; EP 1802178 A2 20070627; EP 1802178 A3 20101229; EP 1802178 B1 20190522

DOCDB simple family (application)

**DE 202006009823 U 20060623**; EP 06118255 A 20060801