

Title (en)

ANTISTATIC DEVICE AND ASSOCIATED OPERATING METHOD

Title (de)

ANTISTATIKVORRICHTUNG UND ZUGEHÖRIGES BETRIEBSVERFAHREN

Title (fr)

DISPOSITIF ANTISTATIQUE ET PROCÉDÉ D'EXPLOITATION ASSOCIÉ

Publication

EP 2845275 B1 20181003 (DE)

Application

EP 13721639 A 20130430

Priority

- DE 102012207219 A 20120430
- EP 2013058981 W 20130430

Abstract (en)

[origin: WO2013164338A1] The invention relates to an antistatic device (4) for reducing electrostatic charges on moving material webs (2), wherein the antistatic device (4) comprises at least one active electrode assembly (7), which has a plurality of active individual needle-shaped electrodes (8) and which is electrically connected to an associated voltage source (13) during operation of the antistatic device (4). The antistatic device (4) also comprises a controller (14) for controlling the voltage source (13). A reduced size of the antistatic device (4) and/or improved operability and/or better handling of the antistatic device (4) is achieved in that the at least one electrode assembly (7) and the controller (14) are arranged in a housing (19) of the antistatic device (4). The antistatic device (4) also has a signal device (16) for outputting a signal, which correlates with at least one parameter of the antistatic device (4) and/or of the material web (2) and/or of an associated production system (1).

IPC 8 full level

H01T 19/04 (2006.01); **H01T 23/00** (2006.01); **H05F 3/04** (2006.01)

CPC (source: EP US)

H01T 19/04 (2013.01 - EP US); **H01T 23/00** (2013.01 - EP US); **H05F 3/00** (2013.01 - 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)

DE 102012207219 A1 20131031; **DE 102012207219 A8 20140403**; **DE 102012207219 B4 20171123**; EP 2845275 A1 20150311; EP 2845275 B1 20181003; ES 2702927 T3 20190306; PL 2845275 T3 20190329; PT 2845275 T 20190108; US 2015296601 A1 20151015; US 9730305 B2 20170808; WO 2013164338 A1 20131107

DOCDB simple family (application)

DE 102012207219 A 20120430; EP 13721639 A 20130430; EP 2013058981 W 20130430; ES 13721639 T 20130430; PL 13721639 T 20130430; PT 13721639 T 20130430; US 201314397854 A 20130430