

Title (en)  
Ionization apparatus

Title (de)  
Ionisierungsvorrichtung

Title (fr)  
Appareil d'ionisation

Publication  
**EP 2775577 B1 20170201 (EN)**

Application  
**EP 13001078 A 20130304**

Priority  
EP 13001078 A 20130304

Abstract (en)  
[origin: EP2775577A1] The invention is directed to a ionization apparatus comprising a housing (1) and at least partly within in the housing (1) a high voltage power supply arrangement (2) with at least one ion emitting electrode (3-5) connected thereto. It is proposed that a measuring arrangement (6) with at least one measuring electrode (7, 8) connected thereto is provided for detecting an indication for housing surface pollution (P) based on a change in complex resistance (  $Z'$  ) between at least one said ion emitting electrode (3-5) and at least one said measuring electrode (7, 8).

IPC 8 full level  
**H01T 23/00** (2006.01); **H01T 19/04** (2006.01); **H02H 7/00** (2006.01)

CPC (source: EP)  
**H01T 23/00** (2013.01); **H01T 19/04** (2013.01)

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)  
**EP 2775577 A1 20140910; EP 2775577 B1 20170201**

DOCDB simple family (application)  
**EP 13001078 A 20130304**