

Title (en)  
Ion generation apparatus

Title (de)  
Ionengeneratorvorrichtung

Title (fr)  
Dispositif générateur d'ions

Publication  
**EP 1791233 A1 20070530 (EN)**

Application  
**EP 05025910 A 20051128**

Priority  
EP 05025910 A 20051128

Abstract (en)  
An ion generation apparatus The ion generation apparatus includes: an ion generator including a positive ion generation electrode and/or a negative ion generation electrode, for receiving a high voltage to generate ions; a high voltage generator for applying a high voltage to the ion generator; and a controller for changing the high voltage applied to the ion generator. The ion generation apparatus can easily change the quantity of positive(+) or negative(-) ions generated from the ion generator by changing a high voltage applied to an electrode of the ion generator so that a user can conveniently use the ion generation apparatus irrespective of installation environments.

IPC 8 full level  
**H01T 23/00** (2006.01); **A61L 9/22** (2006.01); **B01J 19/08** (2006.01)

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

Citation (search report)

- [X] US 6798637 B1 20040928 - GRAHAM MARTIN [US]
- [X] EP 1291087 A2 20030312 - ILLINOIS TOOL WORKS [US]
- [X] EP 1401247 A2 20040324 - ILLINOIS TOOL WORKS [US]

Designated contracting state (EPC)  
DE FR GB

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1791233 A1 20070530; EP 1791233 B1 20100113; DE 602005018939 D1 20100304**

DOCDB simple family (application)  
**EP 05025910 A 20051128; DE 602005018939 T 20051128**