

Title (en)  
ELECTROSTATIC ION ACCELERATOR ARRANGEMENT

Title (de)  
ELEKTROSTATISCHE IONENBESCHLEUNIGERANORDNUNG

Title (fr)  
DISPOSITIF ÉLECTROSTATIQUE ACCÉLÉRATEUR D'IONS

Publication  
**EP 2191700 B1 20151111 (DE)**

Application  
**EP 08804132 A 20080912**

Priority  
• EP 2008062169 W 20080912  
• DE 102007044074 A 20070914

Abstract (en)  
[origin: WO2009037200A1] An arrangement with radiation cooling of the anode, which avoids the need for complex additional cooling measures, is proposed for an electrostatic ion accelerator arrangement in which the thermal power loss which is not negligible occurs at the anode, which is arranged in an ionization chamber, during operation.

IPC 8 full level  
**H05H 1/54** (2006.01); **F03H 1/00** (2006.01)

CPC (source: EP US)  
**F03H 1/0031** (2013.01 - EP US); **F03H 1/0037** (2013.01 - EP US); **H05H 1/54** (2013.01 - EP US)

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 2009037200 A1 20090326**; CN 101855949 A 20101006; CN 105228331 A 20160106; CN 105228331 B 20181002;  
DE 102007044074 A1 20090402; DE 102007044074 B4 20110526; EP 2191700 A1 20100602; EP 2191700 B1 20151111;  
JP 2010539376 A 20101216; JP 5425081 B2 20140226; KR 101455214 B1 20141027; KR 20100099677 A 20100913;  
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