

Title (en)
DYNAMIC TRAP ION MOBILITY SPECTROMETER

Title (de)
DYNAMISCHE FALLE FÜR IONENMOBILITÄTSSPEKTROMETER

Title (fr)
SPECTROMÈTRE À MOBILITÉ D'IONS À PIÈGE DYNAMIQUE

Publication
EP 2616804 A1 20130724 (EN)

Application
EP 11763624 A 20110919

Priority
• LU 91736 A 20100917
• EP 2011066229 W 20110919

Abstract (en)
[origin: WO2012035165A1] A dynamic ion trap comprises a chamber that includes a series of electrodes partitioning the chamber into a succession of sections, each section being fluidly connected to its nearest neighbour sections, and a control unit operatively connected to the electrodes to locally create an electric field across at least two neighbouring sections and to displace the electric field in a stepped manner along the succession of sections.

IPC 8 full level
G01N 27/62 (2006.01); **H01J 49/00** (2006.01)

CPC (source: EP US)
G01N 27/622 (2013.01 - EP US)

Citation (search report)
See references of WO 2012035165A1

Cited by
CN103438885A

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)
WO 2012035165 A1 20120322; EP 2616804 A1 20130724

DOCDB simple family (application)
EP 2011066229 W 20110919; EP 11763624 A 20110919