Title (en)

Mass spectrometer

Title (de)

Massenspektrometer.

Title (fr)

Spectromètre de masse.

Publication

EP 1505634 A3 20060524 (EN)

Application

EP 04026519 A 20020624

Priority

- EP 02254394 A 20020624
- GB 0115429 A 20010625
- GB 0120096 A 20010817
- GB 0120122 A 20010817
- GB 0206164 A 20020315

Abstract (en)

[origin: EP1505634A2] A mass spectrometer is disclosed comprising a fragmentation cell 1 comprised of a plurality of ring or plate-like electrodes having apertures through which ions are transmitted. An axial DC gradient is preferably maintained along at least a portion of the length of the fragmentation cell 1 in order to improve the transit time of ions through the device.

IPC 8 full level

H01J 49/42 (2006.01); **H01J 49/04** (2006.01)

CPC (source: EP)

H01J 49/0045 (2013.01); **H01J 49/065** (2013.01)

Citation (search report)

- [X] US 5818055 A 19981006 - FRANZEN JOCHEN [DE]
- [X] US 5206506 A 19930427 - KIRCHNER NICHOLAS J [US]
- [X] US 6107628 A 20000822 - SMITH RICHARD D [US], et al

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1505634 A2 20050209; **EP 1505634 A3 20060524**; **EP 1505634 B1 20120822**; GB 0115429 D0 20010815; GB 0120096 D0 20011010

DOCDB simple family (application)

EP 04026519 A 20020624; GB 0115429 A 20010625; GB 0120096 A 20010817