

Title (en)

Mass spectrometer

Title (de)

Massenspektrometer

Title (fr)

Spectromètre de masse

Publication

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Application

EP 02254394 A 20020624

Priority

- GB 0115429 A 20010625
- GB 0120096 A 20010817
- GB 0120122 A 20010817
- GB 0206164 A 20020315

Abstract (en)

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. <IMAGE>

IPC 1-7

H01J 49/42

IPC 8 full level

H01J 49/00 (2006.01); **H01J 49/06** (2006.01); **H01J 49/42** (2006.01)

CPC (source: EP)

H01J 49/005 (2013.01); **H01J 49/065** (2013.01)

Citation (applicant)

- GB 2242311 A 19910925 - EXTREL CORP [US]
- US 6107628 A 20000822 - SMITH RICHARD D [US], et al
- US 5206506 A 19930427 - KIRCHNER NICHOLAS J [US]
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GB2391698A; GB2391698B; EP2778669A1; US9147565B1; US8866073B2; US6800846B2; WO2023237958A1

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