

Title (en)

Mass spectrometer

Title (de)

Massenspektrometer.

Title (fr)

Spectromètre de masse.

Publication

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Application

EP 04026518 A 20020624

Priority

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- GB 0120121 A 20010817

Abstract (en)

[origin: EP1505633A2] An ion tunnel ion trap 1 comprised of a plurality of electrodes having apertures is disclosed. The ion tunnel ion trap 1 is preferably coupled to a time of flight mass analyser.

IPC 8 full level

H01J 49/42 (2006.01); **H01J 49/04** (2006.01); **H01J 49/40** (2006.01)

CPC (source: EP)

H01J 49/04 (2013.01); **H01J 49/065** (2013.01)

Citation (search report)

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

Cited by

EP1532647B1

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EP 1505633 A2 20050209; **EP 1505633 A3 20060524**; **EP 1505633 B1 20121017**; EP 1580790 A2 20050928; EP 1580790 A3 20060524; EP 1580790 B1 20121226; GB 0115409 D0 20010815; GB 0119449 D0 20011003; GB 0120111 D0 20011010

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