

Title (en)

Method and device for transferring ions in a mass spectrometer

Title (de)

Methode und Vorrichtung für den Transfer von Ionen in einem Massenspektrometer

Title (fr)

Méthode et dispositif pour transférer des ions dans un spectromètre de masse

Publication

EP 1688986 A1 20060809 (EN)

Application

EP 05002148 A 20050202

Priority

EP 05002148 A 20050202

Abstract (en)

A method for transferring ions, in particular in a mass spectrometer (100), comprises the step of moving the ions from a source device (10) having a first electric potential through a transfer section (20) having a second electric potential into an analysis device (30), wherein the second electric potential is changed to a deceleration potential during the movement of the ions through the transfer section (20) and the deceleration potential has a different sign relative to the first electric potential. An ion guide (21) and a mass spectrometer (100), in particular for implementing this method are described.

IPC 8 full level

H01J 49/04 (2006.01)

CPC (source: EP)

H01J 49/04 (2013.01)

Citation (search report)

- [XA] US 2002014585 A1 20020207 - TAKADA YASUAKI [JP], et al
- [A] US 2003136905 A1 20030724 - FRANZEN JOCHEN [DE], et al

Cited by

US8309911B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1688986 A1 20060809

DOCDB simple family (application)

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