

Title (en)

MAGNETIC ACHROMATIC MASS SPECTROMETER WITH DOUBLE FOCUSING

Title (de)

MAGNETISCHES ACHROMATISCHES MASSENSPEKTROMETER MIT DOPPELFOKUSSIERUNG

Title (fr)

SPECTROMETRE DE MASSE MAGNETIQUE ACHROMATIQUE A DOUBLE FOCALISATION

Publication

**EP 2394290 A1 20111214 (FR)**

Application

**EP 10701685 A 20100129**

Priority

- EP 2010051101 W 20100129
- FR 0950764 A 20090206

Abstract (en)

[origin: WO2010089260A1] The invention relates to an achromatic magnetic mass spectrometer (200), for example of the SIMS type with double focusing, characterised in comprising means (202, 212, 215, 221 ) for cancelling the four second order aberrations and means (201, 222) for cancelling off-axis achromatic and for modulating mass dispersion.

IPC 8 full level

**H01J 49/32** (2006.01); **H01J 49/06** (2006.01)

CPC (source: EP US)

**H01J 49/06** (2013.01 - EP US); **H01J 49/32** (2013.01 - EP US)

Citation (search report)

See references of WO 2010089260A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

**WO 2010089260 A1 20100812**; EP 2394290 A1 20111214; EP 2394290 B1 20150429; FR 2942072 A1 20100813; FR 2942072 B1 20111125; JP 2012517083 A 20120726; JP 5521255 B2 20140611; US 2012032075 A1 20120209; US 8373121 B2 20130212

DOCDB simple family (application)

**EP 2010051101 W 20100129**; EP 10701685 A 20100129; FR 0950764 A 20090206; JP 2011548651 A 20100129; US 201013148141 A 20100129