

Title (en)

METHOD AND APPARATUS FOR ION MOBILITY BASED SAMPLE ANALYSIS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR PROBENANALYSE AUF IONENMOBILITÄTSBASIS

Title (fr)

PROCEDE ET APPAREIL DESTINES A L'ANALYSE D'UN ECHANTILLON SUR LA BASE DE LA MOBILITE IONIQUE

Publication

EP 1963835 A1 20080903 (EN)

Application

EP 06837199 A 20061107

Priority

- US 2006043567 W 20061107
- US 73430305 P 20051107
- US 75054605 P 20051215

Abstract (en)

[origin: WO2007056488A1] A system for analyzing one or more ion species of a sample including a first ion mobility filter associated with a first flow path for passing first ions of the sample, a second ion mobility filter associated with a second flow path for passing second ions of the sample, a first outlet from the first flow path for passing a portion of the first ions from the first flow path to the second flow path, and a first outlet from the second flow path for removing neutral particles from the second flow path where the first outlet from the second flow path is upstream of the second ion mobility filter in relation to the ion flow in the second flow path.

IPC 8 full level

G01N 27/64 (2006.01)

CPC (source: EP)

G01N 27/624 (2013.01); **H01J 49/004** (2013.01)

Citation (search report)

See references of WO 2007056488A1

Cited by

EP4012397A1; US11874251B2; US11340192B1; WO2019157596A1; US11275054B2; US11598748B2

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 LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2007056488 A1 20070518; EP 1963835 A1 20080903

DOCDB simple family (application)

US 2006043567 W 20061107; EP 06837199 A 20061107