

Title (en)
SAMPLE INTRODUCTION METHOD AND DEVICE FOR A MASS SPECTROMETER

Publication
EP 0200645 B1 19890712 (FR)

Application
EP 86400902 A 19860424

Priority
FR 8506257 A 19850424

Abstract (en)
[origin: EP0200645A1] The device enables to introduce microsamples in the ionization source of the spectrometre. It comprises a reactor (10) provided with microsample introduction means, microsample heating means, means for connection with a vacuum source and means (38, 40) with adjustable flow-rate for supplying a reactant for the transformation of the microsample into gaseous compounds, a choked and calibrated passage (12) for the gas flow from the reactor, and a sublimation tube (40) connected on the one hand to the passage and on the other hand to the source of ions of the spectrometre through a valve (16), and provided with means enabling to take it to an adjustable cryogenic temperature.

IPC 1-7
H01J 49/04

IPC 8 full level
H01J 49/04 (2006.01)

CPC (source: EP)
H01J 49/0422 (2013.01); **H01J 49/0468** (2013.01); **H01J 49/0495** (2013.01)

Cited by
FR2629270A2

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0200645 A1 19861105; **EP 0200645 B1 19890712**; CA 1263765 A 19891205; DE 3664401 D1 19890817; FR 2581246 A1 19861031; FR 2581246 B1 19870710; WO 8606545 A1 19861106

DOCDB simple family (application)
EP 86400902 A 19860424; CA 507538 A 19860424; DE 3664401 T 19860424; FR 8506257 A 19850424; FR 8600140 W 19860424