

Title (en)

Thermospray ion sampling device.

Title (de)

Thermo-Spritzapparat mit Vorrichtung zur Ionenprobeentnahme.

Title (fr)

Dispositif pour l'échantillonnage ionique d'un atomiseur thermique.

Publication

EP 0153113 A2 19850828 (EN)

Application

EP 85300876 A 19850208

Priority

US 57921184 A 19840210

Abstract (en)

The performance of a thermospray ion source for liquid chromatograph/mass spectrometers is improved dramatically by providing a voltage gradient across the thermospray jet stream to increase the efficiency of transferring ions of all masses from the thermospray jet stream to the mass spectrometer, and in particular the intensity of high mass ions relative to low mass ions.

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H01J 49/04

IPC 8 full level

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CPC (source: EP)

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Cited by

US4861989A; US4814612A; US4730111A; US6462336B1; US7368728B2; WO9849710A1; WO2004034011A3; EP0161744B1

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