

Title (en)

DEVICE FOR COUPLING A MICRO-CHROMATOGRAPH WITH A MASS SPECTROMETER AND ANALYSIS DEVICE

Title (de)

VERFAHREN ZUR KOPPLUNG EINES MIKROCHROMATOGRAPHENS MIT EINEM MASSENSPEKTROMETER UND ANALYSEVORRICHTUNG

Title (fr)

DISPOSITIF DE COUPLAGE D'UN MICROCHROMATOGRAPHE AVEC UN SPECTROMETRE DE MASSE ET DISPOSITIF D'ANALYSE

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0244710A2] The invention concerns a coupling device connecting a micro-chromatograph (μ CG) output to a mass spectrometer input, said device comprising a capillary tube whereof one end is sealingly connected to the mass spectrometer vacuum source via an interface device, and whereof the other end is loosely connected to the micro-chromatograph output open to the atmosphere; the length and the diameter of the capillary tube being selected so that the flow rate inside the capillary tube is very close to the flow rate at the micro-chromatograph output; the interface device being further provided with heating means for adjusting very accurately the flow rate tapped by the capillary tube.

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