

Title (en)
ION SOURCE FOR A MASS SPECTROMETER

Title (de)
IONENQUELLE FÜR EIN MASSENSPEKTROMETER

Title (fr)
SOURCE D'IONS POUR SPECTROMETRE DE MASSE

Publication
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Application
EP 05851479 A 20051109

Priority

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- US 68749705 P 20050603

Abstract (en)
[origin: WO2006060130A2] An ion source able to ionize both liquid and gaseous effluents from interfaced liquid or gaseous separation techniques. The liquid effluents are ionized by electrospray ionization, photoionization or atmospheric pressure chemical ionization and the gaseous effluents from sources such as a gas chromatograph are ionized by a corona or Townsend electrical discharge or photoionization. The source has the ability to ionize compounds from both liquid and gaseous sources, which facilitates ionization of volatile compounds separated by gas chromatography, low volatility compounds separated by liquid chromatography, as well as highly non-volatile compounds infused by electrospray or separated by liquid chromatography or capillary electrophoresis.

IPC 8 full level
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