

Title (en)

METHOD OF MASS SPECTROMETRY BY TIME-OF-FLIGHT, AND SPECTROMETER THEREFOR

Publication

**EP 0174222 B1 19880928 (FR)**

Application

**EP 85401488 A 19850719**

Priority

FR 8412609 A 19840809

Abstract (en)

[origin: US4677295A] A process for determining mass spectrum by time of flight, wherein a source comprising a solid surface is subjected to the action of an electric field between this surface and an electrode, this provoking the simultaneous emission of electrons and of negative ions released by spontaneous desorption; the electrons and negative ions are received successively by a detector to determine the mass spectrum as a function of the differences between the instants of reception of the electrons and the negative ions.

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