

Title (en)

TIME-OF-FLIGHT MASS SPECTROMETER WITH POSITION-SENSITIVE DETECTION

Title (de)

FLUGZEIT-MASSENSPEKTROMETER MIT POSITIONSENSITIVER DETEKTION

Title (fr)

SPECTROMETRE DE MASSE A TEMPS DE VOL AVEC DETECTEUR SENSIBLE A LA POSITION

Publication

EP 0858674 B1 20010530 (DE)

Application

EP 96937307 A 19961031

Priority

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Abstract (en)

[origin: DE19541089A1] The disclosure relates to a time-of-flight mass spectrometer with position-sensitive detector (20) for determining the energy and momentum of photo-dissociated ions. The detector (20-24) has one or more electron multipliers (21, 22) and an anode matrix (23) located behind the electron multipliers and used for determining the point of impact of the ions. The time-of-flight mass spectrometer has a device (30, 33) for determining the time of flight of the ions.

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