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(54) **Mass spectrometer comprising two Time of Flight analysers for analysing both positive and negative ions**

Massenspektrometer mit zwei Flugzeitanalysatoren für Analyse von positiven und negativen Ionen.

Spectromètre de masse comprenant deux analyseurs de Temps de Vol pour analyser des ions des charges positives et négatives

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(56) References cited:
WO-A1-02/097857 WO-A1-03/096375
WO-A2-02/01599 US-A- 5 712 479
US-A- 5 869 829 US-A1- 2001 030 284
US-A1- 2008 078 928 US-A1- 2010 181 474
US-B1- 6 326 615 US-B1- 6 627 877

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