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(54) **MASS SPECTROMETER**

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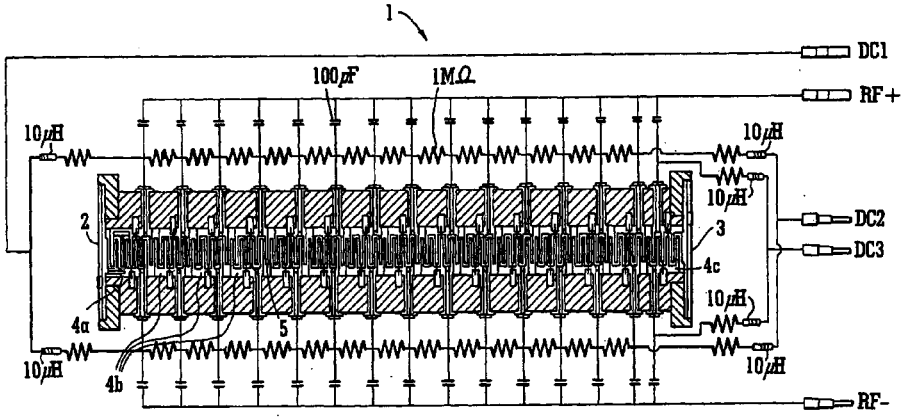
(57) **ABSTRACT**

An ion tunnel ion trap comprises a plurality of electrodes having apertures. The ion tunnel ion trap is preferably coupled to a time of flight mass analyser.

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