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(54) Title: APPARATUS AND METHOD FOR HIGH-PERFORMANCE CHARGED PARTICLE DETECTION

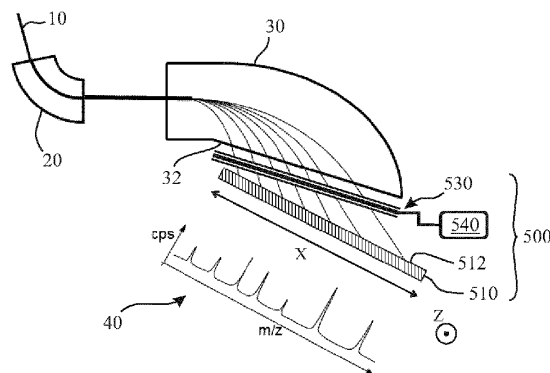


Fig. 6

(57) Abstract: The invention proposes a detection apparatus for detecting charged particles. The device relies on a detection assembly comprising microchannel plates. The useful surface of the microchannel plate device is maximized in time through the use of beam deflection means upstream of the detection front. A corresponding method is also proposed.



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