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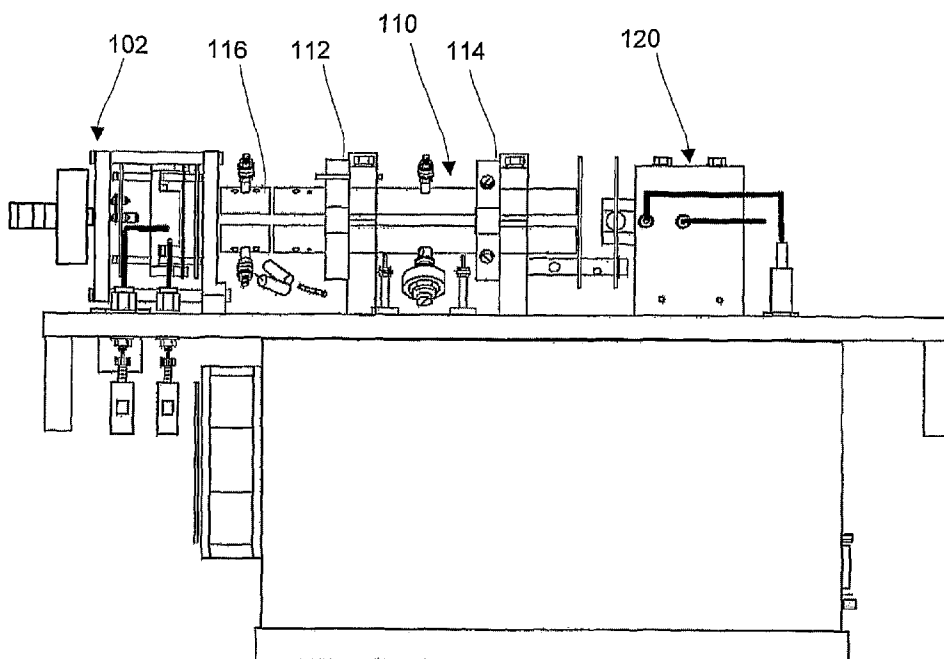
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(54) Title: ZIRCONIA TOUGHENED ALUMINA COMPOSITION AND USE IN ION AND ELECTRON OPTICAL SYSTEMS



(57) Abstract: An ion optical system including an ionizer for ionizing one or more compounds, the ionizer including a plurality of components, a mass separator for separating ions of the one or more compounds, the mass separator including a plurality of components, and a detector for identifying the one or more compounds, the detector including a plurality of components. At least one of the plurality of components of at least one of the ionizer, mass separator and detector includes a composition of zirconium oxide and aluminum oxide.

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