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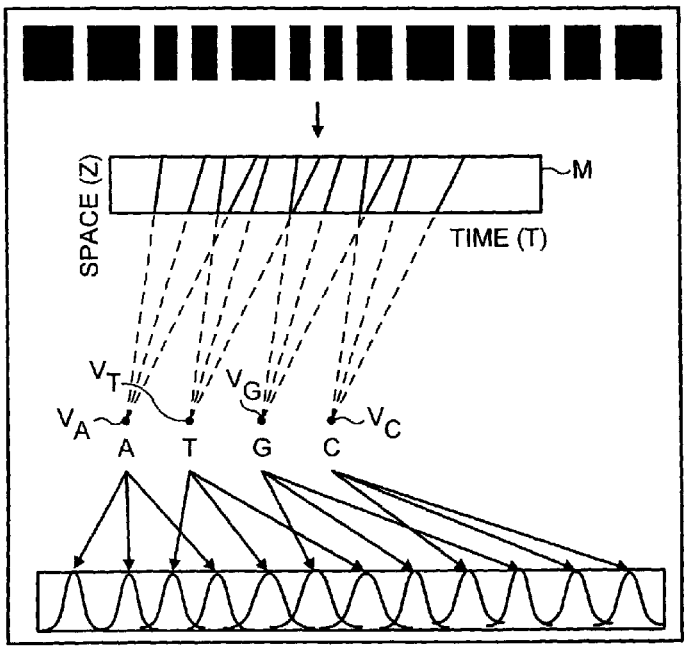
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(54) Title: SYSTEM AND METHOD



(57) Abstract: A system and method of characterising, in particular sequencing, polymeric samples, the system comprising: a space-time map generator for generating a space-time map of points representative of the signal peaks of signals detected at a plurality of spaced positions as passed by the migrating components of a plurality of separately-provided sample plugs; and a vertex finder for identifying vertices from the space-time map, with a single vertex being identified for the components of each separately-provided sample plug and the velocities of the sample components being determinable from the points in the space-time map.

WO 02/13122 A2

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