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(54) **METHOD AND APPARATUS FOR
SCREENING FLOWABLE SEPARATION
MEDIA FOR ELECTROPHORESIS AND
RELATED APPLICATIONS**

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(57) **ABSTRACT**

A method and apparatus are disclosed for screening separation media for performance in capillary electrophoresis. In one aspect the invention comprises concurrently loading a plurality of capillaries from one corresponding end of each with a respective plurality of separation media, adding a sample to each capillary, advancing the samples through the capillaries under an applied electric field, measuring a property of the samples or components thereof as they advance through the capillaries, and using the measured properties to identify one or more preferred sets of separation media. At least one of the steps of loading or advancing are carried out simultaneously over the plurality of capillaries.

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