

Title (en)  
METHODS AND APPARATUS FOR LOW RESISTANCE ELECTROPHORESIS OF PRIOR-CAST, HYDRATABLE SEPARATION MEDIA

Title (de)  
VERFAHREN UND VORRICHTUNGEN FÜR NIEDEROHMIGE ELEKTROPHORESE IN VORGEGOSSENEN, HYDRATISIERBAREN TRENNMEDIEN

Title (fr)  
PROCEDES ET APPAREIL D'ELECTROPHORESE A FAIBLE RESISTANCE DE MILIEUX DE SEPARATION HYDRATABLES DE PRE-MOULAGE

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Application  
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Abstract (en)  
[origin: WO03106973A2] Methods and apparatus are presented that facilitate electrophoresis of prior-cast, hydratable separation media, usefully immobilized pH gradient (IPG) strips. The method exploits the swelling of prior-cast, hydratable separation media upon rehydration to help lodge the media in an enclosing member that permits spaced electrical communication with the enclosed separation media. The electrical communication permits a voltage gradient to be established in the enclosed separation medium sufficient to effect separation of analytes therein. Cassettes, buffer cores, electrophoresis systems and kits are presented for effecting the methods of the invention.

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