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[54] POLYSACCHARIDE RESOLVING GELS AND GEL SYSTEMS FOR STACKING ELECTROPHORESIS

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[58] **Field of Search** ..... 435/22, 204; 436/806; 204/182.8, 299 R; 252/315.3

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[57] **ABSTRACT**

Electrophoretic resolving gel compositions, discontinuous stacking gel systems containing these and other resolving gel compositions, and kits for preparing such gel systems, comprising one or more polysaccharide hydrogels of which agarose is typical wherein at least one of the gels in the resolving gel composition has been derivatized and at least one of the gels in the resolving gel composition has been depolymerized sufficiently to reduce its casting-effective viscosity.

**33 Claims, No Drawings**