Title (en)

SYSTEM AND METHOD FOR INTEGRATED ANALYSIS OF DATA FOR CHARACTERIZING CARBOHYDRATE POLYMERS

Title (de)

SYSTEM UND VERFAHREN ZUR INTEGRIERTEN DATENANALYSE FÜR DIE CHARAKTERISIERUNG VON KOHLENHYDRATPOLYMEREN

Title (fr)

SYSTEME ET PROCEDE DESTINES A L'ANALYSE INTEGREE DE DONNEES AUX FINS DE CARACTERISATION DE POLYMERES CARBOHYDRATES

Publication

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Application

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Abstract (en)

[origin: WO0237106A2] Disclosed is a method for characterizing a carbohydrate polymer by identifying at least two binding agents that bind to the carbohydrate polymer. Binding is preferably determined by contacting the carbohydrate polymer with substrate that contains a plurality of first saccharide-binding agents affixed at predetermined locations on the substrate. The carbohydrate polymer is allowed to contact the substrate under conditions that allow for formation of a first complex between the first saccharide-binding agent and the carbohydrate polymer. A second saccharide-binding agent, which preferably includes a label, is also contacted with the carbohydrate polymer under conditions that allow for formation of a second complex between the second binding agent and the first complex. Identification of the first and second binding agent allows for characterization of the polysaccharide.

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