CHROMATOGRAPHY COLUMN PACKING METHOD OF VARIABLE SPEED OPERATION

ABSTRACT

[00041] A chromatography column is normally filled with slurry of media for operation. A piston normally compacts the slurry in the column. The piston moves through a cavity in communication with both a slurry inlet and slurry ports which are in communication with the interior of the chromatography column. A controller is configured to automatically adjust piston speeds when a pre-set condition occurs. This condition may correspond to a particular elevation determined by a position sensor or to a particular pressure event determined by a pressure sensor. Speeds less than the maximum speed may also be present.

FIG. 1

BOX III. Text of the abstract

A chromatography column is normally filled with slurry of media for operation. A piston normally compacts the slurry in the column. The piston moves through a cavity in communication with both a slurry inlet and slurry ports which are in communication with the interior of the chromatography column. A controller is configured to automatically adjust piston speeds when a pre-set condition occurs. This condition may correspond to a particular elevation determined by a position sensor or to a particular pressure event determined by a pressure sensor. Speeds less than the maximum speed may also be present.

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