CHROMATOGRAPHY COLUMN METHOD OF VARIABLE SPEED OPERATION

ABSTRACT

[00041] A chromatography column is normally filled with a 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 along elevation zones of operation. Furthermore, presetting specific speeds less the maximum speed can be accomplished with the controller. A pressure sensor may also be employed to assist in switching speed of operation of the piston under particular pressure events.

FIG. 1