

METHOD FOR CLAMPED JOINT SEATING DETECTION

ABSTRACT

A method for filtering data derived from a process wherein the data is generated by an input of energy. The method includes these steps: collecting the data from the process to create a parent data set; creating a first window of data; calculating an average of the first window of data; comparing the average of the first window of data to a first threshold value; shifting the first window if the average has not passed the first threshold value; creating a second window of data from the parent data set; calculating an average of the second window of data; comparing the average of the second window of data to the threshold value; shifting the second window if the average of the second window of data has not passed the threshold value; and confirming that the threshold value has been reached if the second window average has passed the threshold value.

[No Figure]