

Method and device for detecting a pulse-type mechanical
effect on a system part

Abstract

5

The invention relates to a method and device for
detecting a pulsed mechanical effect on a plant
component (2), whereby an operating noise in the plant
component (2) is continuously recorded by means of a
10 sensor (4) which is arranged on the plant component (2)
and converted by the above into a measured signal (M)
which is subjected to a mathematical transformation.
According to the invention, a sliding mean is
calculated by determining the quantiles from the
15 determined transformations and the evaluation function
(K(t)), which displays the application of a pulsed
mechanical effect on the plant component (2), is
derived from said sliding mean.

20

Figure 1