

Abstract

5 The invention relates to a method and a monitoring device for determining a wear state of components such as a cable-like suspension means (5), a traction sheave (17) of a drive machine (19) and deflection rollers (27, 29) of a suspension means arrangement (5) of an elevator system (1).

The method comprises at least the following steps:

- 10 - monitoring an actual time curve of a first parameter which correlates with the wear state of at least one first monitored component of the components
- comparing the actual time curve of the monitored first parameter with a predetermined expected time curve of the first parameter;
- determining the wear state of the monitored component based on a result of the comparison.

15 (Fig. 1)